

Riedel-de Haën

A member of the
Hoechst Group



Laboratory Chemicals 1981

Laboratory Chemicals

1981

1st Oktober 1980



Reagents for analysis
Products for synthesis
Solvents
Products for chromatography

Industrial chemicals

Réactifs pour analyse
Produits pour la synthèse
Solvants
Produits pour la chromatographie

Produits chimiques

Reactivos para fines analíticos
Productos para síntesis
Disolventes
Productos para cromatografía

Productos químicos para indústria

Riedel-de Haën



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I. General conditions of sale – Export Markets

This catalogue is intended for the customers of Riedel-de Haën Aktiengesellschaft. Stated in it are only those prices for goods which Riedel-de Haën supplies direct to customers. Customers who re-sell products bought from Riedel-de Haën as per agreement are in no way bound by this catalogue with regard to their own price structure. Nor does this catalogue contain any recommendations as to resale prices.

1. Applicable conditions

The conditions set out below shall apply unless Riedel-de Haën has drawn up and specified to the Buyer special conditions of sale for the Buyer's country; if this is the case, special conditions shall apply.

Any general conditions of purchase submitted by the Buyer are binding upon Riedel-de Haën only if confirmed in writing by Riedel-de Haën.

2. Offers for sale and orders

All offers submitted by Riedel-de Haën are not binding upon Riedel-de Haën. Orders and verbal agreements shall be binding on Riedel-de Haën only if and in so far as Riedel-de Haën has confirmed them in writing, or by form, or if it has complied with them by shipment of the goods and submission of an invoice.

Riedel-de Haën supplies orders with a minimum value of DM 1,500.—, net in one delivery, including packaging, freight paid to the frontier of the Federal Republic of Germany or alternatively f. o. b. Bremen, Hamburg or Lübeck. In view of the high cost of handling, small orders, the value of which is less than DM 1,500.—, cannot be accepted.

The expression "as before" is not binding upon Riedel-de Haën. It can be applied neither to the quality nor to the price of products.

Products which are sold by Riedel-de Haën in various qualities must be clearly specified in the order.

3. Invoicing and payment

Prices remain subject to alteration by Riedel-de Haën up to 30 days prior to the agreed date of delivery. In the event of a price increase, the Buyer shall be entitled to withdraw from the unfulfilled part of the contract within 14 days of being notified of the increase. The right of withdrawal shall not operate in the case of increases due to higher transport charges. The weight of the goods at the time of dispatch is the weight to be invoiced. Incidental expenses, such as bank charges incurred in remittance and charges for the release of shipping documents, are for the Buyer's account.

Buyer may offset or withhold payment on the grounds of a counter claim only if such counter claim has been acknowledged by Riedel-de Haën or confirmed by final court decree.

Should the Buyer be in arrears with payments or should there be reasonable doubts as to the Buyer's solvency or credit worthiness, Riedel-de Haën – without prejudice to his remaining rights – shall be entitled to require payment in advance for deliveries not so far effected, and to require immediate payment of all claims arising from the mutual business relations.

delivery terms refer to the date the risk passes to the Buyer. Should the delivery date be exceeded due to Seller's fault, the Buyer shall be entitled to withdraw from the contract, under exclusion of any further rights, after expiry of a reasonable extension of time granted by the Buyer in writing, or to claim damages. Claims for damages by the Buyer on grounds of late delivery or non-delivery are however limited in amount to the invoice value of the quantity of goods delayed or not delivered, unless Riedel-de Haën is liable for deliberate or gross negligence under compulsory statutory legislation.

Unforeseen plant stoppages, delayed or non-deliveries from Riedel-de Haën's suppliers, labour shortages, power failures or raw material shortages, strikes, lockouts, difficulties in providing transport, transport delays, official restraints and any events of force majeure shall, for the duration of and to the extent of impact of such contingency, relieve the party thereby affected from any obligation to deliver or accept delivery as the case may be. Should consequent upon such a contingency, delivery be delayed for more than one month, the Buyer shall be entitled, under exclusion of all further claims, to withdraw from the unfulfilled part of the contract; should acceptance of delivery be delayed for more than one month, Riedel-de Haën shall be entitled, under exclusion of all further claims, to withdraw from the unfulfilled part of the contract.

5. Shipment

Method of transport and route shall be at the option of Riedel-de Haën. Wishes of the Buyer shall be taken into consideration by Riedel-de Haën as far as possible, any additional costs being for the Buyer's account.

6. Assignment of risk

Unless otherwise agreed, risk shall finally pass to the Buyer when the goods are dispatched from the supply works or – should the Buyer require a delay in delivery date – from the date Riedel-de Haën is ready to dispatch the shipment.

7. Notification of defects

The Buyer shall check whether the goods delivered are contractual quality and suitable for the intended purpose. If this is not done at all or not carried out in the appropriate manner, or patent or obvious defects are not promptly reported to Riedel-de Haën, at the latest within 14 days of receipt of the goods, the goods shall be considered as approved in respect of such defects. Late defects shall be deemed approved if such defects are not reported to Riedel-de Haën as soon as discovered, but at the latest within 3 months of the dispatch of the goods from the point of shipment. Complaints shall be notified in writing and include date of order and invoice and dispatch number. Goods under complaint shall not be returned except with Riedel-de Haën's express consent.

In the case of properly notified and justified complaints Riedel-de Haën shall only be obliged, at its discretion, having due regard to the Buyer's interests, to reduce the price, remedy the defects, exchange the goods or take them back refunding the purchase price. Should Riedel-de Haën not fulfil this obligation, the Buyer shall have the right to choose from these remedial measures. Further claims by the Buyer are, as far as legally permitted,

Liability, withdrawal from contract

The Buyer shall be entitled to claim compensation or to withdraw from the contract only in such cases and to such an extent as are expressly stated in these Conditions of Sale. Riedel-de Haën shall have no other or further liability whatsoever, whether in contract or under the law of torts, unless, due to wilfulness or gross negligence on the part of Riedel-de Haën, Riedel-de Haën is liable without limitation under any applicable compulsory statutory legislation.

Reservation of proprietary rights

The goods shall become the property of the Buyer only after he has settled all his obligations arising from the mutual business transactions. The Buyer shall collaborate in all measures which Riedel-de Haën wishes to take to protect its proprietary rights in the goods delivered. If a third party should try to assert or substantiate rights in the goods, the Buyer shall inform Riedel-de Haën immediately.

0. Trademarks

Products which carry a trademark are to be re-packaged, processed further, or mixed with other substances etc., such trademarks may be used in conjunction with the goods re-packaged or further processed by the Buyer only with the express written agreement of the trademark owner.

11. Packaging

Non-returnable containers and packagings shall be re-used in the course of business only after the company logo and name and the trademarks and designations used by Riedel-de Haën have been obliterated. It is the User's own responsibility to observe the packaging classification. Additional packaging conditions issued by Riedel-de Haën apply to large containers with contents exceeding 5 kg/litre.

12. Incoterms

In addition to the foregoing conditions, the "Incoterms" issued by the International Chamber of Commerce in Paris apply; in each case the latest version at the time of the execution of the order shall be applicable.

13. Applicable law and legal domicile

All sales contracts shall be subject to the laws of the country in which Riedel-de Haën's head office is established. Unless otherwise provided under competent national legislation, the courts at the place of Riedel-de Haën's head office shall have jurisdiction. For actions by Riedel-de Haën the competent courts of the country in which the principal place of business of the Buyer is located shall also have jurisdiction.

September 1980

II. Explanations

Analytical data

The purity of analytical grade chemicals and specialities from Riedel-de Haën is indicated in the specifications by the data of guarantee analyses which show minimum ("min.") and maximum ("max.") contents.

For the remaining chemicals (including chemically pure chemicals and chemicals for synthesis processes) grade analyses (contents without the addition of "min." or "max.") are given. The data given in these specifications are averages from analyses of individual batches.

Pharmacopoeia qualities

When the chemical name is followed by the names of pharmacopoeias, the article meets the requirements of these pharmacopoeias. These articles frequently contain smaller quantities of impurities than those permitted by the respective pharmacopoeias.

specifications. Purity testing by Riedel-de Haën does not relieve the buyer or processor of the obligation to observe the provisions of the applicable drug laws. In particular in the manufacture of solutions for injection and infusion the guidelines of the pharmacopoeias with regard to preparation, sterilization and testing for pyrogens must be taken into account.

Labels

The analytical data are also shown on the labels.

These data are valid at the time this catalogue goes to press. Any later changes are taken into account on new labels. The authoritative data for the quality of a product are the specifications on the label.

Guarantee

The quality of our products is guaranteed under our General Conditions of Sale.

Riedelbox-System

quantity ordered

quantity to be supplied

- a) if less than 1 "Riedelbox"
up to 4 packages
5-6 packages

quantity ordered
1 "Riedelbox"

- b) if more than 1 "Riedelbox"
1-2 packages more
3-5 packages more

rounded off downward
rounded off upward

If this system is not wanted, corresponding prices will be charged for single packages or boxes.

III. Quality designations

The laboratory chemicals range of Riedel-de Haën AG contains preparations in different quality grades, in accordance with the requirements of the respective fields of application:

1. PURANAL®

is the trademark for high-purity chemicals. Testing of these products for any remaining impurities in the sub-ppm range is carried out by means of the most-up-to-date methods of trace analysis. The guarantee values for these trace impurities should be regarded as being the upper limit. The actual values are in many cases appreciably lower. Although the main field of application for this range is the manufacture of semiconductors, PURANAL® chemicals are also widely used in trace analysis and in research and development.

2. Analytical reagents

Chemicals in this purity grade conform to the requirements of the analyst. The minimum ("min.") or maximum ("max.") trace impurity contents indicated in the specifications are guarantee values, the observance of which is monitored by regular detailed analytical controls. Reagents that meet the purity requirements of the American Chemical Society, the International Organization for Standardization or the reagents section of the German Pharmacopoeia (comprising DAB 8 and the 3 volumes of the European Pharmacopoeia) carry the additional designations "Reag. ACS", "Reag. ISO" or "Reag. DAB 8" or "Reag. Ph. Eur. I" respectively.

3. PESTANAL®

is the trademark of chemicals and solvents used for analysis of pesticide residues. These very highly purified solvents contain no impurities which in the gas chromatogram (ECD) yield higher readings in the relevant volume ranges than 5×10^{-12} or 5 ng/ml.

4. SPECTRANAL® chemicals

are solvents and preparations for spectroscopy. The minimum permeabilities of these products, which are obtained by special purification methods, in some cases for exceed those guaranteed in the case of the corresponding CHROMASOLV® solvents.

5. CHROMASOLV® solvents

possess guaranteed permeabilities at specific wavelengths for liquid chromatography. They are suitable for analytical and preparative separations in high-pressure liquid, thin-layer and column chromatography.

6. PROSYNTH® chemicals

are primarily preparations for organic synthesis in analytical laboratory, technical laboratory and plant. This range meets the requirement of the organic chemist for as wide as possible a range of synthesis building blocks. Special mention can be made of a large selection of organic bromine and fluorine chemicals that are in some cases difficult to synthesize. The purity of these products is indicated in the form of a standard analysis stating content and number of physical data.

A number of chemicals are identified by a trademark or by stating the specific field of application. The products in question have thus, for example, been allocated quality designations such as BIOSYNTH®, FIXANAL®, IDRANAL® or for chromatography, for

IV. Hazard indications, safety recommendation and hazard symbols

Hazard identification and safety recommendation for handling chemicals

In the member states of the European Economic Community certain dangerous chemicals must be identified by hazard symbols, risk descriptions ("R" phrases) and safety recommendations ("S" phrases). The hazard symbols for these chemicals and the numbers of the appropriate "R" and "S" phrases are used on our product labels and also in our catalogue. The text represented by each number and which must be observed when handling the products concerned is given below.

We apply this identification system not only to the substances listed in the EEC directive but also to other chemicals which, in our present experience, constitute a hazard in view of their properties and the quantities handled. The absence of "R" and "S" phrases does not imply that the chemicals concerned are harmless. The usual hygiene and safety precautions for the handling of chemicals must always be observed.

Nature of the special risk attaching to dangerous substances (R-phrases)

- R 1 Explosive when dry.
- R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
- R 3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- R 4 Forms very sensitive explosive metallic compounds.
- R 5 Heating may cause an explosion.
- R 6 Explosive with or without contact with air.
- R 7 May cause fire.
- R 8 Contact with combustible material may cause fire.
- R 9 Explosive when mixed with combustible material.
- R 10 Flammable.
- R 11 Highly flammable.
- R 12 Extremely flammable.
- R 13 Extremely flammable liquefied gas.
- R 14 Reacts violently with water.
- R 15 Contact with water liberates highly flammable gases.
- R 16 Explosive when mixed with oxidising substances.
- R 17 Spontaneously flammable in air.
- R 18 In use, may form flammable/explosive vapour-air mixture.
- R 19 May form explosive peroxides.
- R 20 Harmful by inhalation.
- R 21 Harmful in contact with skin.
- R 22 Harmful if swallowed.
- R 23 Toxic by inhalation.
- R 24 Toxic in contact with skin.
- R 25 Toxic if swallowed.
- R 26 Very toxic by inhalation.
- R 27 Very toxic in contact with skin.
- R 28 Very toxic if swallowed.
- R 29 Contact with water liberates toxic gas.
- R 30 Can become highly flammable in use.
- R 31 Contact with acids liberates toxic gas.
- R 32 Contact with acids liberates very toxic gas.
- R 33 Danger of cumulative effects.
- R 34 Causes burns.
- R 35 Causes severe burns.
- R 36 Irritating to eyes.
- R 37 Irritating to respiratory system.
- R 38 Irritating to skin.
- R 39 Danger of very serious irreversible effects.
- R 40 Possible risks of irreversible effects.
- R 42 May cause sensitization by inhalation.
- R 43 May cause sensitization by skin contact.

Combination of R-phrases

- R 14/15 Reacts violently with water liberating highly flammable gases.
- R 15/29 Contact with water liberates toxic, highly flammable gas.
- R 20/21 Harmful by inhalation and in contact with skin.
- R 21/22 Harmful in contact with skin and if swallowed.
- R 20/22 Harmful by inhalation and if swallowed.
- R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R 23/24 Toxic by inhalation and in contact with skin.
- R 24/25 Toxic in contact with skin and if swallowed.
- R 23/25 Toxic by inhalation and if swallowed.
- R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R 26/27 Very toxic by inhalation and in contact with skin.
- R 27/28 Very toxic in contact with skin and if swallowed.
- R 26/28 Very toxic by inhalation and if swallowed.
- R 26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.
- R 36/37 Irritating to eyes and respiratory system.
- R 37/38 Irritating to respiratory system and skin.
- R 36/38 Irritating to eyes and skin.
- R 36/37/38 Irritating to eyes, respiratory system and skin.
- R 42/43 May cause sensitization by inhalation and skin contact.

Safety precautions (S)

- S 1 Keep locked up.
- S 2 Keep out of reach of children.
- S 3 Keep in a cool place.
- S 4 Keep away from living quarters.
- S 5 Keep contents under water.
- S 5a Keep contents under paraffin oil.
- S 5b Keep contents under petroleum.
- S 6 Keep under ... (inert gas to be specified by the manufacturer).
- S 7 Keep container tightly closed.
- S 8 Keep container dry.
- S 9 Keep container in a well-ventilated place.
- S 10 Keep contents wet.
- S 11 Avoid contact with air.
- S 12 Do not keep the container sealed.
- S 13 Keep away from food, drink and animal feeding stuffs.
- S 14 Keep away from highly flammable substances.
- S 15 Keep away from heat.
- S 16 Keep away from sources of ignition – No smoking.
- S 17 Keep away from combustible material.
- S 18 Handle and open container with care.
- S 20 When using do not eat or drink.
- S 21 When using do not smoke.
- S 22 Do not breathe dust.
- S 23 Do not breathe vapour.
- S 24 Do not breathe gas.
- S 25 Do not breathe mist.
- S 26 Do not breathe liquid.
- S 27 Do not breathe solid.
- S 28 Do not breathe smoke.
- S 29 Do not breathe fumes.
- S 30 Do not breathe dust.
- S 31 Do not breathe vapour.
- S 32 Do not breathe gas.
- S 33 Do not breathe mist.
- S 34 Do not breathe liquid.
- S 35 Do not breathe solid.
- S 36 Do not breathe smoke.
- S 37 Do not breathe fumes.
- S 38 Do not breathe dust.
- S 39 Do not breathe vapour.
- S 40 Do not breathe gas.
- S 41 Do not breathe mist.
- S 42 Do not breathe liquid.
- S 43 Do not breathe solid.
- S 44 Do not breathe smoke.
- S 45 Do not breathe fumes.
- S 46 Do not breathe dust.
- S 47 Do not breathe vapour.
- S 48 Do not breathe gas.
- S 49 Do not breathe mist.
- S 50 Do not breathe liquid.
- S 51 Do not breathe solid.
- S 52 Do not breathe smoke.
- S 53 Do not breathe fumes.
- S 54 Do not breathe dust.
- S 55 Do not breathe vapour.
- S 56 Do not breathe gas.
- S 57 Do not breathe mist.
- S 58 Do not breathe liquid.
- S 59 Do not breathe solid.
- S 60 Do not breathe smoke.
- S 61 Do not breathe fumes.
- S 62 Do not breathe dust.
- S 63 Do not breathe vapour.
- S 64 Do not breathe gas.
- S 65 Do not breathe mist.
- S 66 Do not breathe liquid.
- S 67 Do not breathe solid.
- S 68 Do not breathe smoke.
- S 69 Do not breathe fumes.
- S 70 Do not breathe dust.
- S 71 Do not breathe vapour.
- S 72 Do not breathe gas.
- S 73 Do not breathe mist.
- S 74 Do not breathe liquid.
- S 75 Do not breathe solid.
- S 76 Do not breathe smoke.
- S 77 Do not breathe fumes.
- S 78 Do not breathe dust.
- S 79 Do not breathe vapour.
- S 80 Do not breathe gas.
- S 81 Do not breathe mist.
- S 82 Do not breathe liquid.
- S 83 Do not breathe solid.
- S 84 Do not breathe smoke.
- S 85 Do not breathe fumes.
- S 86 Do not breathe dust.
- S 87 Do not breathe vapour.
- S 88 Do not breathe gas.
- S 89 Do not breathe mist.
- S 90 Do not breathe liquid.
- S 91 Do not breathe solid.
- S 92 Do not breathe smoke.
- S 93 Do not breathe fumes.
- S 94 Do not breathe dust.
- S 95 Do not breathe vapour.
- S 96 Do not breathe gas.
- S 97 Do not breathe mist.
- S 98 Do not breathe liquid.
- S 99 Do not breathe solid.

- S 24 Avoid contact with skin.
 S 25 Avoid contact with eyes.
 S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S 27 Take off immediately all contaminated clothing.
 S 28 After contact with skin, wash immediately with plenty of water.
 S 28a After contact with skin, wash immediately with plenty of coppersulphate solution 2%.
 S 29 Do not empty into drains.
 S 30 Never add water to this product.
 S 31 Keep away from explosive materials.
 S 33 Take precautionary measures against static discharges.
 S 34 Avoid shock and friction.
 S 35 This material and its container must be disposed of in a safe way.
 S 36 Wear suitable protective clothing.
 S 37 Wear suitable gloves.
 S 38 In case of insufficient ventilation, wear suitable, respiratory equipment.
 S 39 Wear eye/face protection.
 S 40 To clean the floor and all objects contaminated by this material, use ... (to be specified by the manufacturer).
 S 41 In case of fire and/or explosion do not breathe fumes.
 S 42 During fumigation/spraying wear suitable respiratory equipment.
 S 43 In case of fire, use water.
 S 43a In case of fire, use sand (Never use water).
 S 44 If you feel unwell, seek medical advice (show the label where possible).
 S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Combination of S-phrases

- S 1/2 Keep locked up and out of reach of children.
 S 3/9 Keep in a cool, well-ventilated place.
 S 7/9 Keep container tightly closed and in a well-ventilated place.

- S 7/8
 S 20/21
 S 24/25
 S 36/37
 S 36/39
 S 37/39
 S 39/37/39

Keep container tightly closed and dry.
 When using do not eat, drink or smoke.
 Avoid contact with skin and eyes.
 Wear suitable protective clothing and gloves.
 Wear suitable protective clothing and eye/face protection.
 Wear suitable gloves and eye/face protection.
 Wear suitable protective clothing, gloves and eye/face protection.

Hazard warning symbols and hazard designations

E



Explosive

O



Oxidising

T



Toxic

F



Highly flammable

C



Corrosive

Xn



Harmful

Xi



Irritant

V. Waste disposal procedures

Instructions for the disposal of small quantities of laboratory chemicals

Large quantities of waste chemicals must be treated as set out in the provisions of the German Disposal of Waste Materials Act (Abfallbeseitigungsgesetz). Small quantities of waste laboratory chemicals can, in some instances, be chemically converted to ecologically acceptable or even harmless compounds. Depending on their chemical properties, these substances must be modified – for example by neutralization, oxidation or reduction – in such a way that their end products, when disposed of into the waste water or to approved landfill dumping sites, do not constitute a hazard to the health of the general public or to the environment.

The working methods described hereafter are intended as a guide to assist trained staff in the disposal of small laboratory-scale quantities of harmful chemicals. We cannot accept any responsibility for the application of these methods. Local conditions and also official regulations may rule out the use of one or another of these methods.

The chemical reactions mentioned as examples are in each instance representative of a group of chemicals. They do not take into account the special properties of individual substances. In this respect, too, the described methods constitute noncommittal recommendations only. Furthermore, it is necessary to ascertain that the required conversion has gone to completion before its end products are disposed of into the waste water or to an approved landfill dumping site.

In connection with these methods we would also draw attention to the Accident Prevention Regulations and the relevant Data Sheets published by the Employers' Liability Insurance Institute of the German chemical industry (Berufsgenossenschaft der chemischen Industrie) as well as to the hazard descriptions and the safety data sheets drawn up in accordance with the German regulations on dangerous substances classification or to EEC directives, which are also stated in this catalogue.

Examples of methods for the disposal of waste chemicals

1. **Inorganic acids and acid solutions** are first diluted with water and then slowly neutralized (to pH 6–8) by adding sodium hydroxide solution (cat. No. 05211). The resultant salt solution can be usually disposed of into the waste water – possibly after further dilution. The maximum permissible concentrations should be observed.
Spillages of acids are sprinkled with excess calcium hydroxide and/or sodium bicarbonate powder (cat. No. 12038 and 13433). When the reaction has gone to completion, the spillage can be mopped up with a damp cloth and the affected area washed down with a large volume of water.
2. **Salts which react acid in aqueous solution** are, if necessary, first mixed with sodium bicarbonate or sodium carbonate powder (cat. No. 13433 or 13419), then dissolved in plenty of water and usually disposed of into the waste water in neutralized form. The maximum permissible concentrations should be observed.
3. **Inorganic, water-soluble hydroxides, alkaline solutions and organic bases** are slowly neutralized with dilute (sulphuric) acid (cat. No. 07208) and disposed of into the waste water as a dilute aqueous salt solutions (pH 6–8). The maximum permissible concentrations should be observed.
Spillages of alkaline solutions and alkaline-reacting liquids can be sprinkled with excess sodium bisulphate powder (cat. No. 13437) and mopped up with a damp cloth; the affected area should then be washed down with a large volume of water.
4. **Basic salts** are, if necessary, first mixed with solid sodium bisulphate (cat. No. 13437), dissolved in water and disposed of into the waste water as dilute, neutralized solutions (pH 6–8).
5. **Readily volatile low-hazard organic compounds** can be freely allowed to evaporate in small quantities if premises are provided with effective fume extraction equipment or evaporation is in the open air. The formation of flammable vapour/air mixtures must be avoided. Naked flames and other sources of ignition must be excluded from the site.
6. **Flammable liquids such as hydrocarbons, alcohols, esters and ketones** must be destroyed in a combustion unit with post-combustion.
Small volumes, e. g. also solvent residues, can be absorbed with filter paper or another absorbent combustible material and burnt or allowed to evaporate in an open vessel in the open air (see method 5).
For compounds of this type, recovery, e. g. by method 13, should be considered.
7. **Combustible organic halogen compounds** are mixed with sodium carbonate and/or calcium hydroxide powder (cat. No. 13419 and No. 12038) before burning them. Liquid organic halides should first be taken up with an absorbent material, sprinkled with calcium hydroxide powder and then burnt in a approved manner.
8. **These relatively non-hazardous substances** can be disposed of direct to the waste water after they have been diluted with a large volume of water. The maximum permissible concentrations should be observed.
9. **These dangerous substance are difficult to convert** and should be disposed of to a special licenced dumping site.
10. Even small amounts of these **highly toxic chemicals** are not easy to dispose of. They must therefore be deposited with an approved and controlled dumping site for toxic waste materials or collected separately for recovery.
11. These compounds, e. g. **liquid inorganic halides**, should be added with special safety precautions – behind a safety shield or in a fume cupboard – to a mixture of sodium carbonate and calcium hydroxide (cat. No. 13419 and 12038). After the reaction has gone to completion, the mixture is slowly stirred into a large volume of water and, after neutralization, generally disposed of into the waste water.
12. **These substances** are slowly poured onto ice in a laboratory fume cupboard and neutralized. After dilution the mixture can usually be disposed of into the waste water.

13. These liquids, which generally produce toxic fumes, should, if possible, be cleansed and recovered, e. g. by distillation. Alternatively they can be disposed of by method 5, 6 or 7.
14. The aldehydes are blanketed with sodium sulphite (cat. No. 13471) and then mixed with a small amount of water. After the reaction has gone to completion, the product is diluted with a large volume of water and then usually disposed of into the waste water. In certain circumstances these compounds can also be carefully evaporated or combusted in a laboratory fume cupboard (see methods 5 and 6).
15. Nitriles and mercaptans are oxidized with a max. 15% aqueous solution of chloride of lime (cat. No. 12103). The reaction must be assisted by prolonged vigorous stirring. The mixture should then be neutralized and well diluted before it is disposed of into the waste water.
16. Oxidizing, combustion-supporting compounds are thoroughly mixed with reducing agents in solid form, e. g. sodium thiosulphate or sodium sulphite (cat. No. 13481 or 13471). A small amount of water is then added with stirring. If necessary, the reaction should be accelerated by careful addition of dilute sulphuric acid (cat. No. 07208). After neutralization, the liquid can be flushed with a large volume of water into the waste water system.
17. Metal azides and azo compounds must be oxidized on ice with a dilute solution of ammonium cerium (IV) nitrate (cat. No. 31823). After the reaction has gone to completion, the organic phase should if necessary, be separated and combusted. The residue can be diluted with a large volume of water and then usually disposed of into the waste water.
18. Substances dissolved in organic solvents are disposed of by method 6 or 7; alcohol is added to increase combustibility.
19. Amines can be neutralized by method 3 or combusted by method 6 or 7.
20. These compounds must be combusted or evaporated only in small quantities and after special safety precautions have been taken (see method 5).
Alternatively they can be separately collected and recovered in accordance with method 13.
21. Organic acids and acid halides should be neutralized, e. g. by method 1 or 2, or combusted by method 6 or 7.
22. Inorganic cyanides are treated with sodium hydroxide solution (cat. No. 05211) and chloride of lime solution (cat. No. 12103), which are allowed to act for an extended period. The cyanate solution which forms can usually be disposed of to the waste water after dilution with a large volume of water.
23. Non-combustible organic halogen compounds should be collected and recovered by distillation. Alternatively they can be mixed with combustible solvents and burnt using method 7.
24. The metal content of these compounds should be recovered or converted to water-insoluble compounds. The solutions prepared, for instance, by the addition of an acid, are carefully neutralized with ammonium hydroxide solution; the metal is then precipitated as a hydroxide, carbonate or sulphate by adding suitable precipitating agents. The precipitate is washed, filtered and dried before it is recycled or disposed of to a special approved dumping site for toxic waste materials.

Small quantities can be disposed of to the waste water after they have been diluted (see also method 26).
25. Radioactive compounds – even small residues – must be carefully collected separately from other waste materials for disposal to a specially approved dumping site or for recycling.
26. To recover the metal content, the salt is dissolved in hydrochloric acid (cat. No. 07104); after dilution and possible neutralization, the solution is saturated with hydrogen sulphide in a fume cupboard to precipitate the metal sulphides. After washing and drying the precipitate should be either recycled or disposed of to a special approved dumping site for toxic waste materials (see also method 24).
27. Hydrofluoric acid and inorganic fluorine compounds, even in relatively small quantities, are treated with calcium hydroxide powder (cat. No. 12038) or milk of lime to precipitate insoluble calcium fluoride from the aqueous solution. After washing and drying, the precipitate must be disposed of to an approved dumping site. The solutions should, if necessary, be treated by method 24.
28. Alkali and alkaline earth metals and certain organometallic compound are first covered dry with anhydrous sodium carbonate (cat. No. 13419) Butanol (cat. No. 24124) can then be added in a fume cupboard, care being taken first to eliminate all sources of ignition. After reaction has gone to completion – on the following day – the reaction product is carefully diluted with a large volume of water and neutralized before it is disposed of into the waste water.
29. Phosphorus and metal phosphides are oxidized with dilute solutions of, for instance, chloride of lime (cat. No. 12103) in sodium hydroxide solutions (cat. No. 05211). Some of these substances and their reaction products are highly flammable and should be handled under a nitrogen blanket in a fume cupboard. The substances are introduced in small portions into the well-chilled oxidizing solution, which serves as the receiver. The precipitated, possibly toxic, reaction products can be combusted according to method 7.

VI. Abbreviations, conventional signs and pharmacopoeiae

B.T.N.	=	Brussels tariff number
A.	=	ampoule, vial
AL./ALU.	=	aluminium can
BA.	=	carboy
BL.	=	metal container
BLT.	=	metal drum
EKL.	=	metal can (light)
EKS.	=	metal can (heavy)
F.	=	drum
FL.	=	glass bottle
FPD.	=	plastic drum
FPF.	=	plastic drum
FTP.	=	fibre drum
K.	=	carton
KA.	=	can
PF.	=	plastic bottle
PKM.	=	plastic container
S.	=	bag
SF.	=	steel cylinder
STP.	=	drum
TS.	=	carboy in special iron drum
WG.	=	glass bottle (wide)
ZK.	=	tin can
pack	=	standard package
kg	=	kilogramme
g	=	gramme
mg	=	milligramme
ml	=	millilitre
L	=	litre
D	=	density
R.G.	=	reagent grade
GC	=	gas chromatography
ϵ	=	molar extinction coefficient
n	=	refractive index
$[\alpha]_D^{20}$	=	specific rotation
nm	=	nanometer
C.I.No.	=	number of colour index 2nd edition 1956
S.No.	=	number of Schultz' colour scale 7th edition
®	=	registered trade mark, indication that the TM is registered in one or more countries. (Names not marked are not necessarily nonproprietary names.)
1 L \approx ... kg	=	The weight figures are given as references for calculations. They do not represent an exact scientific figure.
†	=	subject to being unsold, packing size to be cancelled

The numbers appearing below the article numbers indicate the hazard class with class code number and/or UN number (* = assimilated), including data on the pack group of the following transport regulations:

- A) RID/ADR** = Règlement international concernant le transport des marchandises dangereuses par chemin de fer/Accord européen relatif au transport international des marchandises dangereuses par route (International regulation on the transport of hazardous goods by rail/European agreement on the international transport of hazardous goods by road)
- B) GGVE/GGVS** = Gefahrgutverordnung Eisenbahn/Straße (Hazardous goods regulation rail/road)

C) IMDG-CODE (GGVSee) = International maritime dangerous goods code
(Gefahrgutverordnung See/Hazardous goods regulation sea)

Class 1	=	explosive substances
Class 2	=	compressed or liquefied gases or gases dissolved under pressure
Class 3	=	flammable liquids
Class 4.1	=	flammable solids
Class 4.2	=	spontaneously flammable substances
Class 4.3	=	substances which in contact with water generate flammable gases
Class 5.1	=	substances with igniting (oxidizing) action
Class 5.2	=	organic peroxides
Class 6.1	=	poisonous substances
Class 7	=	radioactive substances
Class 8	=	substances causing chemical burns
Class 9	=	miscellaneous dangerous goods

Reference to special permit (AG)

AG 521	}	Product exempted from transport regulations
AG 38/78		

Some of the indicated flash points are from the literature. Where the RID/ADR and GGVE/GGVS classifications of a substance coincide, the common classification is expressed only under "A".

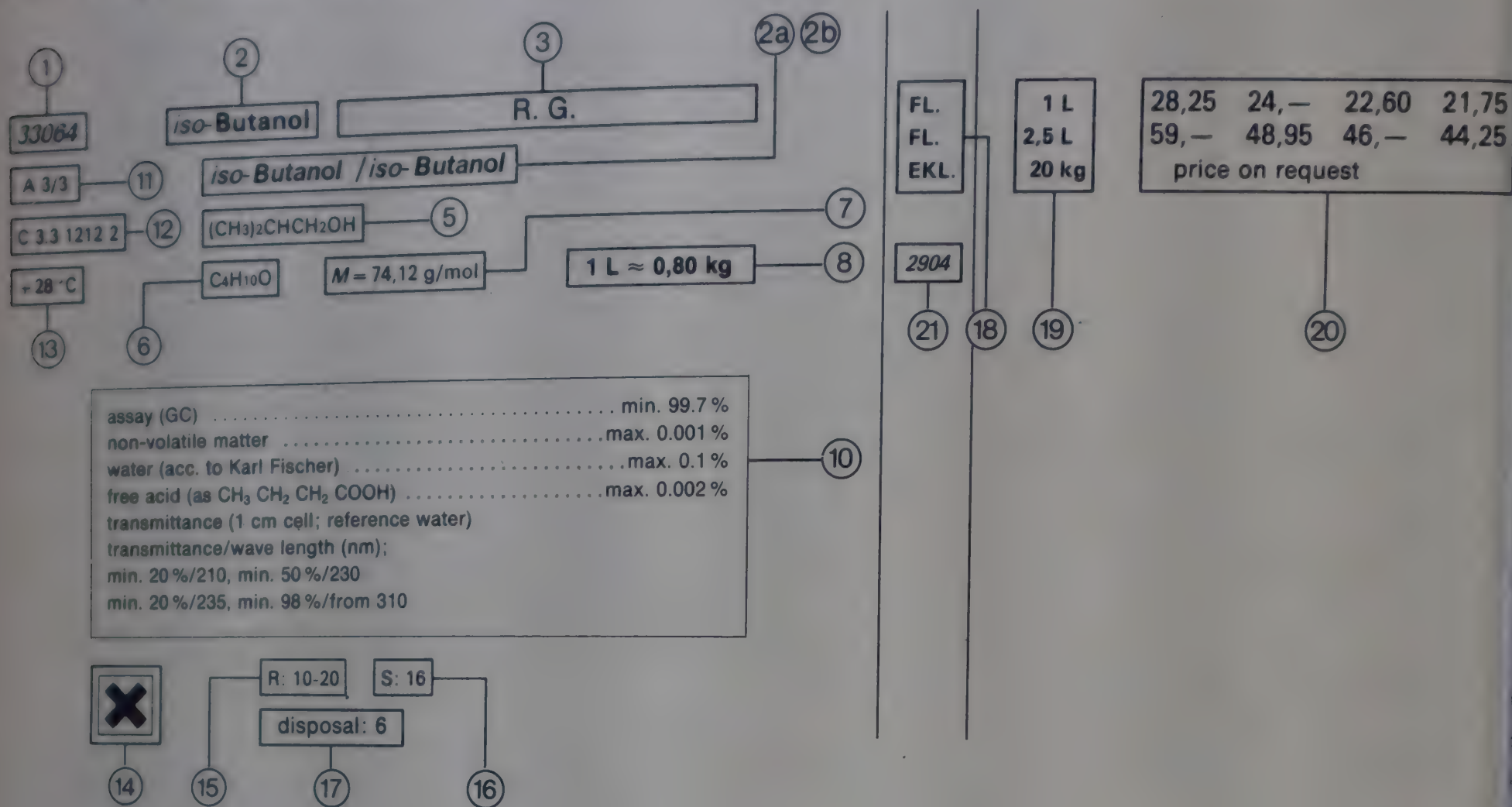
It is absolutely forbidden to ship dangerous goods by post.

Pharmacopoeiae

DAB	=	Deutsches Arzneibuch
DAC	=	Deutscher Arzneimittel Codex
Erg.B.	=	Ergänzungsbuch zum Deutschen Arzneibuch
B.P.	=	British Pharmacopoeiae
B.P.C.	=	British Pharmaceutical Codex
Cod.Franç.	=	Codes Français
N.F.	=	The National Formulary
ÖAB	=	Österreichisches Arzneibuch
Ph.Belg.	=	Pharmacopée Belge
Ph.Eur.I	=	European Pharmacopoeia, Vol I, II, III
Ph.Franç.	=	Pharmacopée Française
Ph.Ned.	=	Pharm. Nederlandica
Ph.Nord.	=	Pharm. Nordica
U.S.P.	=	United States Pharmacopoeia

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

VII. Key to text appearing on product labels



- Reference number
- Substance name, 2a French, 2b Spanish
- Description of product range: general quality characteristics; indication of uses; form in which supplied; names of stabilizers.
- Hazard class (for transport under ADR/RID)
- Stoichiometric structural formula
- Empirical formula
- Relative molar mass
- Mass of 1 litre in the case of liquids (approximate value)
- Specifications (physical constants)
- Hazard class (for transport under ADR/RID)
- Hazard class IMDG Code, U.N. number and packaging group
- Flash point
- Danger symbol (German ArbStoffV = EEC classification of dangerous substances)
- Risk descriptions (EEC 'R' phrases)
- Safety recommendations (EEC 'S' phrases)
- Instructions for the disposal of small quantities of the substance
- Type of packaging (abbreviated description)
- Size of pack
- Price scale
- Brussels Nomenclature Tariff Number (BTN)

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I. Conditions générales de vente à l'exportation

Ce tarif est destiné à la clientèle de Riedel-de Haën et ne contient que les prix auxquels Riedel-de Haën fournit la marchandise à ses clients. Dans la mesure où d'après contrat les clients revendent la marchandise fournie par Riedel-de Haën, ils ne sont aucunement liés à ce tarif dans la fixation de leurs propres cotations. Ce tarif ne contient pas non plus de recommandations pour la revente.

1. Conditions applicables

Les conditions ci-après sont applicables, sauf conditions particulières établies par Riedel-de Haën pour le pays d'origine de l'acheteur et communiquées à ce dernier; dans ce cas, les conventions particulières priment.

Les conditions générales d'achat de l'acheteur ne sont valables que lorsqu'elles sont confirmées par écrit par Riedel-de Haën.

2. Offres et commandes

Toutes les offres de Riedel-de Haën s'entendent sans engagement de sa part. Les commandes ou conventions verbales n'engagent Riedel-de Haën que dans la mesure où elles ont été confirmées par écrit ou par formulaire ou par livraison de marchandises et facturation conforme.

Riedel-de Haën n'effectue de livraison, emballage inclus, franco frontière de la République fédérale d'Allemagne ou fob Bremen, Hamburg ou Lübeck qu'à partir d'une valeur minimum de DM 1500 net. Les commandes inférieures à cette valeur ne peuvent pas être exécutées pour des raisons de rationalisation.

La mention (comme précédemment) n'engage pas Riedel-de Haën. Elle ne peut se rapporter ni à la qualité ni au prix.

Les articles qui, selon le tarif de Riedel-de Haën, sont commercialisés en qualités différentes doivent être exactement spécifiés dans la commande.

3. Facturation et règlement

Jusqu'à 30 jours avant la date de livraison convenue, Riedel-de Haën pourra modifier ses prix. En cas d'augmentation des prix, l'acheteur est en droit de résilier le contrat dans les 15 jours qui suivent la communication de cette hausse, pour la partie non encore exécutée. Le droit de résiliation n'est pas applicable si la hausse des prix résulte d'une augmentation des tarifs de transport. Pour la facturation, le poids constaté au départ de l'usine sera seul pris en considération. Les frais annexes, tels que les frais bancaires occasionnés par le virement du montant de la facture ainsi que les frais d'acquit des documents, en cas de transport maritime, seront à la charge de l'acheteur.

L'acheteur ne pourra opposer à la créance de Riedel-de Haën une compensation ou un droit de rétention que lorsque la contre-créance de l'acheteur aura été expressément ou juridiquement reconnue.

En cas de retard de règlement ou si la solvabilité de l'acheteur devient douteuse, Riedel-de Haën sera en droit, sans qu'il soit pour autant porté préjudice à ses autres droits, d'exiger des acomptes pour les livraisons à venir et le règlement immédiat de toutes les créances.

4. Livraison et réception

L'obligation de livrer de Riedel-de Haën est suspendue aussi longtemps que l'acheteur est en retard de paiement. Les dates de paiement déterminent le transfert des risques à

l'acheteur. En cas de retard de livraison, imputable à Riedel-de Haën, l'acheteur peut – sous exclusion de tous autres droits – se désister du contrat ou exiger des dommages et intérêts après avoir fixé par écrit au vendeur un délai raisonnable.

Cependant, les demandes de dommages et intérêts formulées par l'acheteur, en raison de retard ou de non-exécution, sont limitées à la valeur de facturation des marchandises non livrées ou livrées en retard, à moins que la responsabilité de Riedel-de Haën ne soit pas illimitée, d'après des lois impératives, par suite de faute intentionnelle ou négligence grave.

Les perturbations dans l'exploitation, dépassement des délais de livraison ou absence de livraison imputables aux fournisseurs de Riedel-de Haën, de même que la pénurie de main d'œuvre, d'énergie ou de matières premières, grèves, lock-out, difficultés pour trouver des moyens de transport, perturbations de trafic, décisions des pouvoirs publics et cas de force majeure dégagent la partie qui en est victime, et ses obligations de livraison ou de réception, pour toute la durée des troubles et l'étendue de leurs conséquences.

Si, du fait de tels troubles, le délai de livraison ou de réception se trouve remis de plus d'un mois, chacune des parties est en droit de résilier le contrat pour la partie non encore exécutée, à l'exclusion de toute autre revendication.

5. Expéditions

Le mode d'expédition et l'itinéraire sont fixés par Riedel-de Haën. Riedel-de Haën s'efforcera, dans la limite de ses moyens, de tenir compte des désirs de l'acheteur; les frais supplémentaires qui en résulteraient seraient à la charge de l'acheteur.

6. Transfert des risques

Sauf convention contraire, le transfert des risques à l'acheteur a lieu définitivement au moment où la marchandise quitte l'usine du vendeur ou, dans la mesure où l'acheteur ne se trouve pas en état de recevoir la marchandise, à la date à laquelle Riedel-de Haën est prêt à l'expédier.

7. Réclamations

L'acheteur doit vérifier si la qualité de la marchandise livrée est conforme aux stipulations contractuelles et si elle convient à l'usage auquel elle est destinée. S'il néglige ce contrôle ou s'il n'est pas fait comme il se doit ou si des vices apparents ne sont pas signalés à Riedel-de Haën immédiatement – et au plus tard dans les quinze jours qui suivent la réception de la marchandise – celle-ci sera réputée conforme. Les vices cachés sont considérés comme acceptés s'ils ne sont pas signalés à Riedel-de Haën dès leur constatation – et au plus tard six mois après la date d'expédition de la marchandise de son lieu de départ. Toutes les réclamations doivent être formulées par écrit avec indication des dates de commande et des numéros de facture et de bon d'expédition. Une marchandise contestée ne pourra être retournée qu'avec l'accord exprès de Riedel-de Haën.

En cas de réclamation justifiée et régulièrement formulée, Riedel-de Haën a le choix, compte tenu des intérêts de l'acheteur, entre une remise de prix, la réparation, l'échange de la marchandise ou encore sa reprise au prix d'achat. Si Riedel-de Haën ne remplit pas cet engagement, l'acheteur est en droit de choisir entre ces possibilités. Les autres revendications de l'acheteur – pour autant que ce soit légalement admis – sont exclues, notamment en ce qui concerne le dédommagement de préjudices autres que ceux survenus à la marchandise elle-même.

8. Responsabilité, résolution

L'acheteur ne pourra résilier le contrat ou prétendre à des dommages et intérêts que dans la limite et pour les cas stipulés aux présentes conditions; une plus ample responsabilité de Riedel-de Haën – pour quelque raison juridique que ce soit et même s'il y a violation des obligations contractuelles accessoires ou agissements illicites – est exclue, à moins que Riedel-de Haën ne soit entièrement responsable, suivant les lois en vigueur, pour faute intentionnelle ou négligence grave.

9. Réserve de propriété

Les marchandises livrées ne deviennent la propriété de l'acheteur que lorsque celui-ci a rempli toutes les obligations prévues dans les conventions commerciales réciproques. L'acheteur est tenu de coopérer à toutes mesures que Riedel-de Haën désire prendre quant à la protection de sa propriété sur la marchandise livrée. Si des tiers justifient ou font valoir leur droit sur la marchandise, l'acheteur doit en informer immédiatement Riedel-de Haën.

10. Marques

Si des produits identifiés par une marque sont reconditionnés, transformés ou mélangés à d'autres substances, etc., lesdites marques ne peuvent être utilisées en corrélation avec les produits reconditionnés ni fabriqués par l'acheteur qu'avec l'autorisation expresse, écrite et préalable du titulaire de la marque.

11. Conditionnement

Les récipients et emballages non-retour ne peuvent être réutilisés par Riedel-de Haën qu'une fois rendus méconnaissables les raisons sociales et symboles ainsi que les marques et désignations. Il incombe à la responsabilité de l'utilisateur de tenir compte des prescriptions concernant le conditionnement. Pour les grands récipients dépassants 5 kg/l des conditions d'emballage complémentaires de Riedel-de Haën sont appliquées.

12. Incoterms

En complément des présentes conditions, les incoterms, édités par la Chambre de Commerce Internationale de Paris, sont valables dans la dernière version en vigueur au moment de l'exécution de la commande.

13. Droit applicable et compétence juridique

Tous les contrats de vente sont régis par le droit applicable au lieu du siège principal de Riedel-de Haën. A moins que des prescriptions légales et contraignantes ne s'y opposent, la juridiction compétente sera celle du lieu du siège principal de Riedel-de Haën; pour les revendications de Riedel-de Haën, la juridiction compétente peut être celle du siège principal de l'acheteur.

Septembre 1980

II. Explications

Indications analytiques

La pureté des produits chimiques pour l'analyse des qualités spéciales de Riedel-de Haën est décrite par l'indication d'analyses de garantie – teneur minimale (« min. ») et teneur maximale (« max. ») dans les spécifications.

Pour les autres produits chimiques (entre autres ceux chimiquement purs et ceux pour la synthèse), on indique des analyses type (teneurs sans additif « min. » ou « max. »). Les indications figurant dans ces spécifications sont des valeurs moyennes résultant des analyses des différents lots.

Qualités pharmaceutiques

Lorsque la désignation des produits chimiques est accompagnée d'une indication d'une pharmacopée, l'article en question correspond aux exigences de ladite pharmacopée. Ces articles contiennent fréquemment des quantités d'impuretés plus faibles que celles autorisées par les pharmacopées respectives; les spécifications indiquent dans ces cas des valeurs spécifiques pour les

impuretés. Le contrôle de pureté effectué par Riedel-de Haën ne dispense pas l'acheteur ou le transformateur d'observer lui-même les dispositions des lois sur les produits pharmaceutiques valables de cas en cas. Notamment lors de la fabrication de solutions destinées à l'injection et à l'infusion, il est recommandé de tenir compte des directives des pharmacopées en matière de préparation, de stérilisation et de pyrogénéation.

Étiquettes

Les indications analytiques figurent aussi sur les étiquettes. Elles correspondent à la situation valable au moment de l'impression de ce catalogue. D'éventuelles modifications seront prises en considération sur les nouvelles étiquettes. Les spécifications figurant sur l'étiquette sont déterminantes pour la qualité d'un produit.

Garantie

La garantie dépend de nos conditions générales de vente.

Riedelbox-Systeme

Quantité commandée:

- 1 à 4 emballages
- 5 à 6 emballages
- 1 à 2 emballages en plus de « Riedelbox » complets
- 3 à 5 emballages en plus de « Riedelbox » complets

Quantité livrée:

- quantité commandée
- 1 « Riedelbox », soit 6 emballages
- diminution à des « Riedelbox » complets
- augmentation à des « Riedelbox » complets

Dans le cas où ce système ne serait pas être demandé nous facturerions les prix correspondants des « Riedelbox » et des unités.

III. Qualifications

La gamme des produits chimiques pour laboratoire de Riedel-de Haën AG comprend des produits en différents degrés de pureté, conformément aux exigences des domaines d'application respectifs:

1. PURANAL®

est la marque déposée pour les produits chimiques de haute pureté. L'examen de ces produits en vue de déterminer des impuretés résiduelles encore présentes de l'ordre du sup-ppm s'effectue suivant les méthodes analytiques les plus modernes pour oligoéléments. Les valeurs indiquées dans la garantie doivent être considérées comme valeurs maximales de ces traces d'impuretés. Les valeurs réelles sont souvent très sensiblement inférieures. Le domaine d'application principal de cette gamme est la fabrication des semi-conducteurs, mais les produits chimiques PURANAL trouvent aussi une vaste application dans l'analyse des oligo-éléments, la recherche et le développement.

2. Réactifs pour analyse

Les produits chimiques de ce degré de pureté répondent aux exigences des analystes. Les teneurs minimales (« min. ») ou maximales (« max. ») en traces d'impuretés indiquées dans les spécifications sont des valeurs garanties dont la stricte observation est surveillée par des contrôles analytiques approfondis et réguliers. Les réactifs répondant aux exigences de pureté de l'American Chemical Society, de l'International Organisation for Standardization ou de la partie concernant les réactifs de la pharmacopée allemande (comprenant la DAB 8 ainsi que les 3 volumes de la pharmacopée européenne) sont munis des références complémentaires « Reag. ACS », « Reag. ISO » ou « Reag. DAB 8 » ou « Reag. Ph. Eur. I ».

3. PESTANAL®

est la marque déposée pour les produits chimiques et pour les solvants utilisés pour l'analyse des résidus de pesticides. Ces solvants ayant subi une purification très poussée, ne contiennent pas d'impuretés provoquant dans les plaques volumiques de rétention correspondantes des signaux plus grands que ceux des ou 5 ng/l de pentachlorobenzène, d'*o*-HCH, d'aldrine

4. Les produits chimiques SPECTRANAL®

sont des solvants et des produits pour spectroscopie. Les perméabilités minimales de ces produits obtenues par application de procédés spéciaux de purification dépassent en partie considérablement celles garanties chez les solvants CHROMASOLV® correspondants.

5. Les solvants CHROMASOLV®

pour chromatographie en phase liquide ont des perméabilités garanties pour certaines longueurs d'onde. Ils conviennent aux séparations analytiques et aux séparations en vue de préparer des produits se basant sur la chromatographie sur colonne, en couches minces ou en phase liquide sous haute pression.

6. Les produits chimiques PROSYNTH®

sont en premier lieu des produits destinés à la synthèse organique en laboratoire, en atelier-pilote et en atelier. Cette gamme répond aux desiderata de l'organicien souhaitant disposer d'un éventail aussi large que possible d'éléments de synthèse. Il faut souligner particulièrement le grand choix des produits chimiques bromés et fluorés en partie difficiles à obtenir. La pureté de ces produits est caractérisée par leur analyse indiquant la teneur ainsi que quelques données physiques.

Un certain nombre de produits chimiques sont caractérisés par une marque ou par l'indication du domaine d'application spécial. C'est ainsi que les qualifications telles que BIOSYNTH®, FIXANAL®, IDRANAL® ou pour chromatographie, pour microscopie, pour scintillation, pour analyse par extraction, pour indicateur, pour catalyseur d'hydrogénation sont affectées aux produits correspondants.

IV. Désignation des risques particuliers et conseils de sécurité lors de la manipulation de produits chimiques

Au sein des états membres de la Communauté économique européenne, certaines substances dangereuses doivent être marquées selon les directives de la Commission de la Communauté avec des symboles de risque, des indications particulières de risque (article de risques) (R) et des conseils de sécurité (article de sécurité) (S). Outre le mode d'emploi sur les étiquettes des produits, notre catalogue indiquera pour ces produits chimiques les symboles de risques ainsi que les numéros des articles de risque et de sécurité correspondants. Le texte, correspondant au numéro et devant être observé lors de la manipulation des substances, est consigné ci-après.

Outre les substances indiquées dans les listes de l'ordonnance, nous avons englobé dans cette méthode de marquage d'autres produits chimiques dotés également de propriétés dangereuses selon leur nature et quantité ainsi que d'après le stade actuel de nos connaissances. L'absence d'une indication d'article de risque ou de sécurité ne veut toutefois pas dire que ces substances ne soient pas dangereuses. Il faut toujours observer les mesures de précaution et de sécurité habituelles pour la manipulation des produits chimiques.

Désignation des risques particuliers (R)

- R 1 Explosif à l'état sec.
- R 2 Risque d'explosion par choc, friction, feu ou autres sources d'ignition.
- R 3 Grand risque d'explosion par choc, friction, feu ou autres sources d'ignition.
- R 4 Forme des composés métalliques explosifs très sensibles.
- R 5 Danger d'explosion sous l'action de la chaleur.
- R 6 Danger d'explosion en contact ou sans contact avec l'air.
- R 7 Peut provoquer un incendie.
- R 8 Favorise l'inflammation des matières combustibles.
- R 9 Peut exploser en mélange avec des matières combustibles.
- R 10 Inflammable.
- R 11 Très inflammable.
- R 12 Extrêmement inflammable.
- R 13 Gaz liquéfié extrêmement inflammable.
- R 14 Réagit violemment au contact de l'eau.
- R 15 Au contact de l'eau dégage des gaz très inflammables.
- R 16 Peut exploser en mélange avec des substances combustibles.
- R 17 Spontanément inflammable à l'air.
- R 18 Lors de l'utilisation, formation possible de mélange vapeur-air inflammable/explosif.
- R 19 Peut former des peroxydes explosifs.
- R 20 Nocif par inhalation.
- R 21 Nocif par contact avec la peau.
- R 22 Nocif en cas d'ingestion.
- R 23 Toxique par inhalation.
- R 24 Toxique par contact avec la peau.
- R 25 Toxique en cas d'ingestion.
- R 26 Très toxique par inhalation.
- R 27 Très toxique par contact avec la peau.
- R 28 Très toxique en cas d'ingestion.
- R 29 Au contact de l'eau, dégage des gaz toxiques.

- R 30 Peut devenir très inflammable pendant l'utilisation.
- R 31 Au contact d'un acide dégage un gaz toxique.
- R 32 Au contact d'un acide dégage un gaz très toxique.
- R 33 Danger d'effets cumulatifs.
- R 34 Provoque des brûlures.
- R 35 Provoque de graves brûlures.
- R 36 Irritant pour les yeux.
- R 37 Irritant pour les voies respiratoires.
- R 38 Irritant pour la peau.
- R 39 Danger d'effets irréversibles très graves.
- R 40 Possibilité d'effets irréversibles.
- R 42 Peut entraîner une sensibilisation par inhalation.
- R 43 Peut entraîner une sensibilisation par contact avec la peau.

Combinaisons de phrases R

- R 14/15 Réagit violemment au contact de l'eau en dégageant des gaz très inflammables.
- R 15/29 Au contact de l'eau dégage des gaz toxiques et très inflammables.
- R 20/21 Nocif par inhalation et par contact avec la peau.
- R 21/22 Nocif par contact avec la peau et par ingestion.
- R 20/22 Nocif par inhalation et ingestion.
- R 20/21/22 Nocif par inhalation, contact avec la peau et par ingestion.
- R 23/24 Toxique par inhalation et par contact avec la peau.
- R 24/25 Toxique par contact avec la peau et par ingestion.
- R 23/25 Toxique par inhalation et ingestion.
- R 24/24/25 Toxique par inhalation, contact avec la peau et par ingestion.
- R 26/27 Très toxique par inhalation et par contact avec la peau.
- R 27/28 Très toxique par contact avec la peau et par ingestion.
- R 26/28 Très toxique par inhalation et ingestion.
- R 26/27/28 Très toxique par inhalation, contact avec la peau et par ingestion.
- R 36/37 Irritant pour les yeux et les voies respiratoires.
- R 37/38 Irritant pour les voies respiratoires et la peau.
- R 36/38 Irritant pour les yeux et la peau.
- R 36/37/38 Irritant pour les yeux, les voies respiratoires et la peau.
- R 42/43 Peut entraîner une sensibilisation par inhalation et contact avec la peau.

Conseils de sécurité (S)

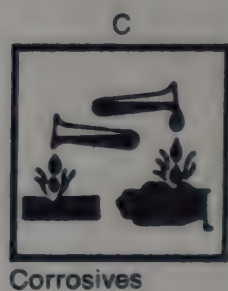
- S 1 Conserver sous clé.
- S 2 Conserver hors de portée des enfants.
- S 3 Conserver dans un endroit frais.
- S 4 Conserver à l'écart de tout local d'habitation.
- S 5 Conserver sous eau.
- S 5a Conserver sous paraffin huile.
- S 5b Conserver sous pétrole.

- S 6 Conserver sous ... (gaz inerte à spécifier par le fabricant).
- S 7 Conserver le récipient bien fermé.
- S 8 Conserver le récipient à l'abri de l'humidité.
- S 9 Conserver le récipient dans un endroit bien ventilé.
- S 10 Maintenir le produit humide.
- S 11 Éviter le contact avec l'air.
- S 12 Ne pas fermer hermétiquement le récipient.
- S 13 Conserver à l'écart des aliments et boissons y compris ceux pour animaux.
- S 14 Conserver à l'écart de très substances inflammables.
- S 15 Conserver à l'écart de la chaleur.
- S 16 Conserver à l'écart de toute source d'ignition – Ne pas fumer.
- S 17 Tenir à l'écart des matières combustibles.
- S 18 Manipuler et ouvrir le récipient avec prudence.
- S 20 Ne pas manger et ne pas boire pendant l'utilisation.
- S 21 Ne pas fumer pendant l'utilisation.
- S 22 Ne pas respirer les poussières.
- S 23 Ne pas respirer les fumées.
- S 24 Éviter le contact avec la peau.
- S 25 Éviter le contact avec les yeux.
- S 26 En cas de contact avec les yeux, laver immédiatement et abondamment avec de l'eau et consulter un spécialiste.
- S 27 Enlever immédiatement tout vêtement souillé ou éclaboussé.
- S 28 Après contact avec la peau, se laver immédiatement et abondamment avec de l'eau.
- S 28a Après contact avec la peau, se laver immédiatement et abondamment avec solution à 2 % de sulfate de cuivre.
- S 29 Ne pas jeter les résidus à l'égout.
- S 30 Ne jamais verser de l'eau dans ce produit.
- S 31 Tenir à l'écart des matières explosibles.
- S 33 Éviter l'accumulation de charges électrostatiques.
- S 34 Éviter le choc et le frottement.
- S 35 Ne se débarrasser de ce produit et de son récipient qu'en prenant toute précaution d'usage.
- S 36 Porter un vêtement de protection approprié.
- S 37 Porter des gants de protection appropriés.
- S 38 En cas de ventilation insuffisante porter un appareil respiratoire approprié.
- S 39 Porter un appareil de protection des yeux/du visage.
- S 40 Pour nettoyer le sol ou les objets souillés par ce produit, utiliser ... (à préciser par le fabricant).
- S 41 En cas d'incendie et/ou d'explosion ne pas respirer les fumées.
- S 42 Pendant les fumigations/pulvérisations porter un appareil respiratoire approprié.
- S 43 En cas d'incendie utiliser de l'eau.
- S 43a En cas d'incendie utiliser du sable.
- S 44 En cas de malaise consulter un médecin (si possible lui montrer l'étiquette).
- S 45 En cas d'accident ou de malaise consulter immédiatement un médecin (si possible lui montrer l'étiquette).

Combinaisons de phrases S

- S 1/2 Conserver sous clé et hors de portée des enfants.
- S 3/9 Conserver dans un endroit frais et bien ventilé.
- S 7/9 Conserver le récipient bien fermé dans un endroit bien ventilé.
- S 7/8 Conserver le récipient bien fermé et à l'abri de l'humidité.
- S 20/21 Ne pas manger, ne pas boire et ne pas fumer pendant l'utilisation.
- S 24/25 Éviter le contact avec la peau et les yeux.
- S 36/37 Porter un vêtement de protection et des gants appropriés.
- S 36/39 Porter un vêtement de protection approprié et un appareil de protection des yeux/du visage.
- S 37/39 Porter des gants appropriés et un appareil de protection des yeux/du visage.
- S 36/37/39 Porter un vêtement de protection approprié, des gants et un appareil de protection des yeux/du visage.

Symboles de risque et indications de risques



V. Conseils pour l'élimination de petites quantités de produits chimiques de laboratoire

Alors que les grosses quantités de produits chimiques, dont on n'a plus besoin, doivent être traitées conformément aux prescriptions de la loi sur l'élimination des déchets, les petites quantités résiduelles de produits chimiques de laboratoire peuvent éventuellement être transformées au moyen de réactions chimiques simples en composés non polluants et non nocifs. Selon leur propriété chimique – par exemple par neutralisation, oxydation ou réduction – elles doivent être modifiées de telle manière que les produits obtenus ne provoquent pas, dans les eaux usées ou sur une décharge normale, de risques pour la santé ou l'environnement.

Les méthodes de travail consignées ci-après indiquent la manière d'éliminer de petites quantités de laboratoire par les soins du personnel spécialisé. Nous ne pouvons pas nous charger de la responsabilité de leur application. Des conditions locales ou des ordonnances officielles peuvent en effet exclure l'application de l'une ou de l'autre méthode préconisée.

Les réactions chimiques données à titre d'exemple valent chaque fois pour un groupe défini de produits chimiques. Elles ne tiennent donc pas compte de propriétés spécifiques de certaines substances. De ce point de vue, nos conseils ne peuvent qu'être sans engagement et ils impliquent de plus que la réaction désirée soit complètement réalisée, qu'elle soit contrôlée et évaluée avant que les produits obtenus ne parviennent dans les eaux usées ou les déchets.

En ce qui concerne la réalisation des travaux, nous prenons référence également sur les prescriptions de prévention d'accidents et les notices à l'appui de la Confédération professionnelle de l'industrie chimique ainsi sur les indications de risque et les conseils de sécurité suivant l'ordonnance sur les substances dangereuses, et les directives de la Communauté européenne, également mentionnées dans ce catalogue.

Exemples de méthodes d'élimination

1. **Acides minéraux et solutions acides:** les diluer d'abord avec de l'eau et les neutraliser (pH 6 à 8) ensuite lentement par addition de lessive de soude (n° d'article 05211). Après une autre dilution éventuelle, la solution saline ainsi obtenue peut être incorporée aux eaux usées. Observer la concentration maximale admissible!

Les acides renversés sont saupoudrés de poudre d'hydroxyde de calcium et ou de bicarbonate de sodium (article n° 12038 et 13433). Une fois la réaction terminée, on peut tout ramasser avec un linge humide et rincer ensuite avec beaucoup d'eau.

2. **Les sels à réaction acide** en solution aqueuse sont, le cas échéant, d'abord mélangés à de la poudre de bicarbonate de sodium ou de carbonate de sodium (article n° 13433 et 13149), dissous dans beaucoup d'eau et évacués avec les eaux usées après avoir été neutralisés. Observer la concentration maximale admissible!

3. **Les hydroxydes inorganiques, solubles dans l'eau, les lessives et les bases organiques** sont lentement neutralisés avec de l'acide sulfurique dilué (article n° 07208) et évacués sous forme de solution saline (pH 6 à 8) diluée à l'eau, avec les eaux résiduelles. Observer la concentration maximale admissible!

Des lessives alcalines renversées et des liquides à réaction alcaline peuvent être saupoudrés abondamment avec de la poudre de bisulfate de sodium (article n° 13437), puis ramassées avec un linge humide et rincées à grande eau.

4. **Les sels basiques** sont, le cas échéant, d'abord mélangés à du bisulfate de sodium solide (article n° 13437), dissous dans l'eau et évacués avec les eaux résiduelles sous forme de solution diluée et neutralisée (pH 6 à 8).
5. **Les composées organiques très volatils** peuvent s'évaporer par petites quantités dans de bonnes conditions d'aspiration ou à l'air libre. Eviter la formation de mélanges combustibles vapeur/air. Se tenir à l'écart de flammes nues ou autres sources d'inflammation.
6. Les liquides combustibles, comme les **hydrocarbures, alcools, éthers et cétones** doivent être détruits dans une installation d'incinération avec post-combustion.

De petites quantités, par exemple aussi restants de solvant, peuvent être absorbées avec du papier filtre ou autre substance absorbante combustible et être brûlées à l'air dans un récipient ouvert ou évaporées (cf. méthode 5).

Pour ces composés, il faudrait éventuellement penser à un retraitement en vue de récupération, par exemple selon la méthode 13.

7. **Les composés halogénés organiques combustibles** sont mélangés à de la poudre de carbonate de sodium et/ou d'hydroxyde de calcium (article n° 13419 et 12038) puis incinérés. Les halogénures organiques liquides devraient d'abord être ramassés à l'aide de substances absorbantes, saupoudrés de poudre d'hydroxyde de calcium et incinérés ensuite.
8. Ces substances relativement inoffensives peuvent être évacuées avec les eaux résiduelles après avoir été diluées avec beaucoup d'eau. Observer la concentration maximale admissible.
9. Ces substances dangereuses et ne réagissant que difficilement doivent être déposées sur une décharge spéciale.
10. Même de petites quantités de ces produits chimiques hautement toxiques ne peuvent être éliminées de manière simple et doivent donc être déposées sur une décharge pour matières toxiques bien aménagée ou être récupérées après avoir été individuellement collectées.
11. C'est avec des précautions particulières, derrière un écran de sécurité ou dans une hotte de laboratoire, que ces composés, par exemple halogénures minéraux liquides, doivent être ajoutés à un mélange de carbonate de sodium et d'hydroxyde de calcium (article n° 13419 et 12038). Une fois la réaction terminée, le mélange est additionné avec précaution de beaucoup d'eau et évacué avec les eaux résiduelles après neutralisation.

12. Ces substances sont lentement versées sur de la glace dans la hotte de laboratoire et neutralisées. Après dilution, le mélange peut être évacué avec les eaux résiduelles.
13. Dans le cas de ces liquides qui forment la plupart du temps des vapeurs toxiques, on devrait essayer un nettoyage et une récupération par exemple par distillation. Sinon, on peut également procéder à l'élimination suivant les méthodes 5, 6 ou 7.
14. Les aldéhydes sont recouvertes de sulfite de sodium (article n° 13471) et mélangées d'abord avec un peu d'eau. Une fois la réaction terminée, le produit est mélangé avec beaucoup d'eau et évacué avec les eaux résiduelles. Le cas échéant, on peut également procéder à une évaporation réalisée avec soin ou à une incinération dans la hotte de laboratoire (cf. méthodes 5 et 6).
15. Pour l'oxydation de nitrile ou de mercaptane, on utilise une solution aqueuse d'au maximum 15 % de chaux chlorée (article n° 12103). La réaction doit être intensifiée par une agitation prolongée. Neutraliser ensuite le mélange et l'évacuer à l'état dilué avec les eaux résiduelles.
16. Les composées oxydants et favorisant la combustion sont bien mélangés avec des agents de réduction solides, tels le thiosulfate de sodium ou le sulfite de sodium (articles n° 23481 et 13471). On ajoute alors un peu d'eau sous agitation. Le cas échéant, accélérer la réaction en ajoutant avec précaution de l'acide sulfurique dilué (article n° 07208). Après neutralisation, le liquide peut être évacué par rinçage dans la canalisation avec beaucoup d'eau.
17. Les métallacides ou composés azoïques doivent être oxydés sur glace avec une solution diluée de nitrate d'ammonium cer (IV) (article n° 31823). Une fois la réaction terminée, séparer éventuellement la phase organique et l'incinérer. Le reste peut être évacué avec les eaux résiduelles, une fois dilué dans beaucoup d'eau.
18. Les substances dissoutes dans des solvants organiques sont éliminées par addition d'alcool pour augmenter la combustibilité, comme décrit pour les méthodes 6 et 7.
19. Les amines peuvent être neutralisées suivant la méthode 3 ou être incinérées selon les méthodes 6 et 7.
20. Ces composés ne doivent être incinérés en petites quantités qu'avec des mesures de précaution particulière ou on peut les laisser s'évaporer (cf. méthode 5). Par ailleurs, on peut les collecter séparément et les récupérer selon la méthode 13.
21. Les acides organiques et les halogénures acides peuvent par exemple être neutralisés selon les méthodes 1 ou 2 ou incinérés selon les méthodes 6 ou 7.
22. Les cyanures inorganiques sont traités avec de la lessive de soude (article n° 05211) et de la solution de chaux chlorée (article n° 12103). Après réaction prolongée, la solution de

cyanate ainsi formée peut être diluée avec beaucoup d'eau et évacuée avec les eaux résiduelles.

23. Des composés halogénés organiques non combustibles doivent être collectés et récupérés par distillation. Par ailleurs, ils peuvent également être incinérés par mélange avec des solvants combustibles, selon la méthode 7.
24. A partir de ces composés, on devrait récupérer le métal ou le transférer dans des composés solubles dans l'eau. Les solutions préparées par exemple par addition d'acide sont neutralisées avec soin avec de l'eau ammoniaquée et le métal est alors précipité par addition d'agents de précipitation adéquats, tels hydroxyde, carbonate ou sulfate. Le précipité est lavé, filtré et séché en vue de son traitement ou de sa déposition sur une décharge spéciale.

De petites quantités peuvent être évacuées à l'état dilué avec les eaux résiduelles (cf. également méthode 26).
25. Des restes de composés radioactifs doivent être collectés avec soin séparément d'autres déchets et être déposés sur une décharge spéciale ou être retraités.
26. Pour récupérer le métal, le sel est dilué dans l'acide chlorhydrique (article n° 07104) et la solution diluée éventuellement neutralisée est saturée dans la hotte avec de l'hydrogène sulfuré, pour précipiter les sulfures métalliques. Le précipité est lavé et séché pour être retraité ou déposé sur une décharge spéciale (cf. également méthode 24).
27. Même des quantités relativement réduites d'acide fluorhydrique ou de composés fluorés inorganiques sont traités à la poudre d'hydroxyde de calcium (article n° 12038) ou avec du lait de chaux pour précipiter le fluorure de calcium insoluble à partir de la solution aqueuse. Le précipité lavé et séché peut être déposé sur des décharges normales. Les solutions doivent être éventuellement traitées selon la méthode 24.
28. Les métaux alcalins et alcalino-terreux ainsi que certains composés métallo-organiques sont d'abord recouverts à l'état sec avec du carbonate de sodium exempt d'eau (article n° 14319) et mélangés. On peut ensuite ajouter dans la hotte et lentement du butanol (article n° 24124), en excluant les sources d'inflammation. Une fois la réaction terminée, le lendemain, on dilue avec précaution et beaucoup d'eau, puis on évacue avec les eaux résiduelles, après neutralisation.
29. Pour l'oxydation du phosphore et des phosphures métalliques, on utilise des solutions diluées par exemple de chaux chlorée (article n° 12103) et de lessive de soude (article n° 05211). La manipulation de ces substances et produits réactifs, en partie facilement inflammables, doit se faire sous azote dans la hotte de laboratoire. Les substances sont incorporées en petites quantités dans la solution d'oxydation bien refroidie.

Les produits de réaction qui se séparent, et même s'ils sont toxiques, peuvent être incinérés suivant la méthode 7.

VI. Abréviations et explications des signes conventionnels

B.T.N.	= Numéro de tarif de douane de Bruxelles
A.	= ampoule, tube en verre
AL./ALU	= bidon aluminium
BA.	= tourie en verre
BL.	= boîte ou bidon fer-blanc
BLT.	= fût
EKL.	= bidon en fer-blanc, léger
EKS.	= bidon en fer-blanc, lourd
F.	= fût en fer
FL.	= flacon en verre à goulot étroit.
FPD.	= fût en plastique
FPF.	= fût en plastique
FTP.	= fût en carton
K.	= carton
KA.	= bidon en fer-blanc
PF.	= flacon en plastique
PKM.	= container en plastique
S.	= sac
SF.	= cylindre d'acier
STP.	= tambour
TS.	= tourie blindée
WG.	= flacon en verre à large goulot
ZK.	= bidon en zinc
pack	= par unité
kg	= kilogramme
g	= gramme
mg	= milligramme
ml	= millilitre
L	= litre
D₄²⁰	= densité
R.G.	= pour analyses
GC	= chromatographie en phase gazeuse
ε	= coefficient d'extinction molaire
n	= indice de réfraction
[α]_D²⁰	= rotation spécifique
nm	= nanomètre
C.I.No.	= Colour-Index, 2e édition 1956
S.No.	= Tableau de colorants de Schultz, 7e édition
®	= marque déposée (l'absence du signe ne signifie pas que la marque soit libre) « Cette brochure est une traduction de l'allemand et la référence aux marques commerciales par® signifie que celles-ci sont enregistrées dans un ou plusieurs pays »
1 L ≈ ... kg	= Les indications des poids « 1 L ≈ ... kg » servent pour la gouverne, elles ne représentent pas de valeurs scientifiques.
†	= l'emballage sera supprimé après épuisement du stock

Les chiffres mentionnés au-dessous des numéros d'articles indiquent la catégorie de danger avec chiffre ou numéro UN (* = assimilé) y compris la mention du groupe d'emballage des instructions de transport suivantes:

- A) RID/ADR** = Règlement international concernant le transport des marchandises dangereuses par chemin de fer/Accord européen relatif au transport international des marchandises dangereuses par route
- B) GGVE/GGVS** = Gefahrgutverordnung Eisenbahn/Straße
- C) IMDG-CODE (GGVSee)** = International maritime dangerous goods code (Gefahrgutverordnung See)

Catégorie 1	= matières explosives
Catégorie 2	= gaz comprimés, liquéfiés ou dissous sous pression
Catégorie 3	= matières liquides inflammables
Catégorie 4.1	= matières solides inflammables
Catégorie 4.2	= matières auto-inflammables
Catégorie 4.3	= matières qui, en contact avec l'eau, dégagent des gaz inflammables
Catégorie 5.1	= matières à action inflammable (oxydante)
Catégorie 5.2	= peroxydes organiques
Catégorie 6.1	= matières toxiques
Catégorie 7	= matières radioactives
Catégorie 8	= matières caustiques
Catégorie 9	= différentes matières dangereuses

Indication d'autorisation spéciale (AG)

AG 521	} Produit dispensé des Instructions de transport
AG 38/78	

Les points d'éclair indiqués sont en partie des valeurs bibliographiques. En cas de classification coïncidante d'une matière selon RID/ADR et GGVE/GGVS, elle ne figure que sous « A ».

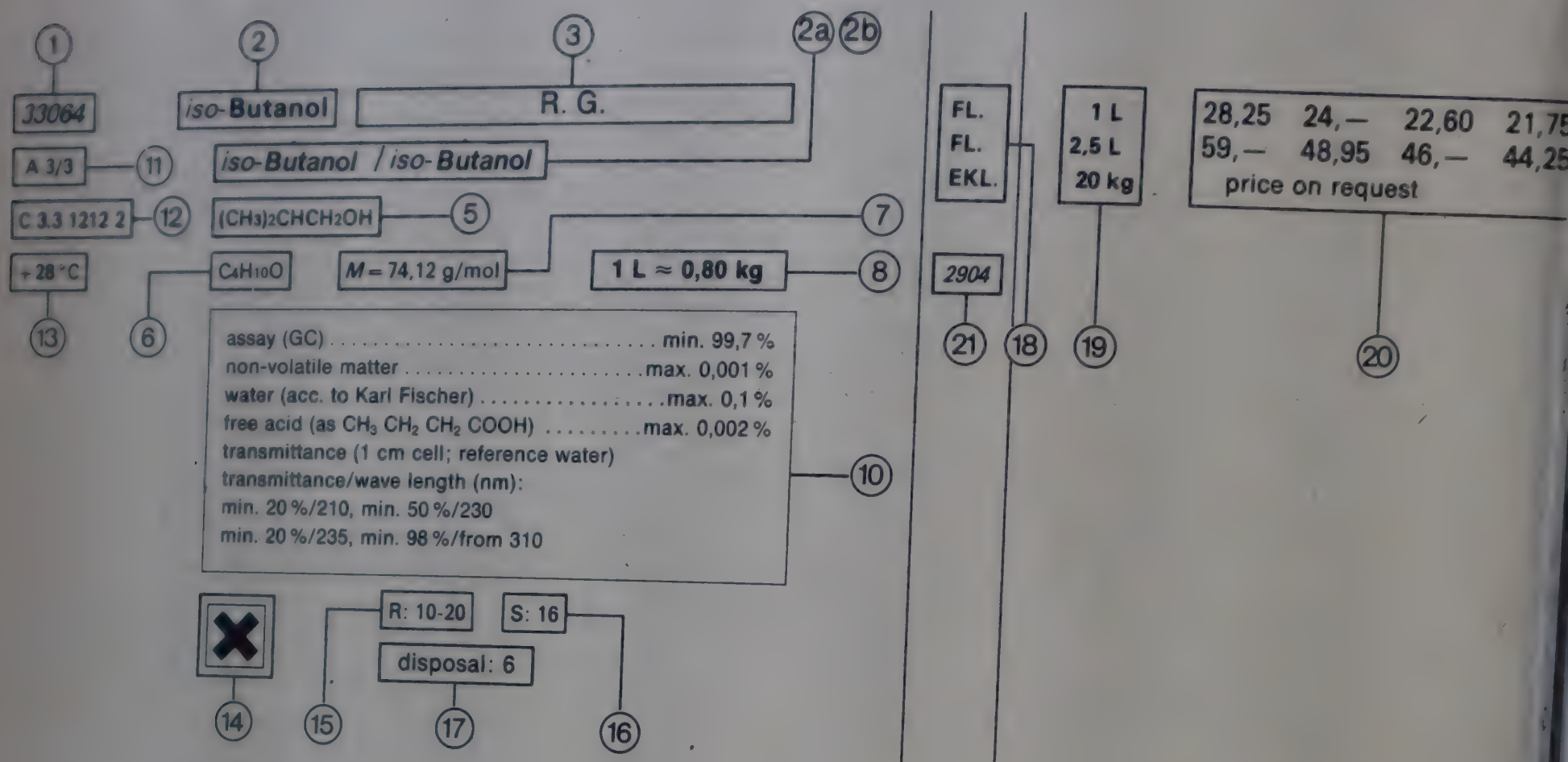
Les marchandises dangereuses sont exclues systématiquement de l'expédition par voie postale.

Pharmacopées

DAB	= Deutsches Arzneibuch
DAC	= Deutscher Arzneimittel Codex
Erg.B.	= Ergänzungsbuch zum Deutschen Arzneibuch
B.P.	= British Pharmacopoeia
B.P.C.	= British Pharmaceutical Codex
Cod.Franç.	= Codex Français
N.F.	= The National Formulary
ÖAB	= Österreichisches Arzneibuch
Ph.Belg.	= Pharmacopée Belge
Ph.Eur.I	= European Pharmacopoeia, Vol. I, II, III
Ph.Franç.	= Pharmacopée Française
Ph.Ned.	= Pharm. Nederlandica
Ph.Nord.	= Pharm. Nordica
U.S.P.	= United States Pharmacopoeia

Ces informations correspondent au niveau actuel de nos connaissances et n'ont d'autre but que de vous renseigner sur nos produits et leurs possibilités d'application. Elles ne sauraient en aucun cas garantir que nos produits possèdent telle ou telle propriété ou conviennent à une application déterminée. Il appartient à l'utilisateur de s'assurer des droits de propriété industrielle éventuellement existants. La qualité de nos produits est garantie dans le cadre de nos Conditions Générales de Vente.

Légende se rapportant au texte sur les produits



1. N° de produit
2. Nom du produit, 2 a Français, 2 b Español
3. Description du programme: caractéristiques qualificatives de nature générale; indication du domaine d'application; présentation; stabilisants
4. Formule linéaire
5. Formule globale
6. Masse molaire
7. Masse d'un litre pour les liquides (valeur approximative)
8. Spécifications
9. Catégorie de danger
10. Catégorie de danger Code IMDG (GGVSee), N° UN et groupe d'emballage
11. Point
12. Symbole de risque (ordonnance sur les substances dangereuses)
13. Indications des risques (article de risques)
14. Caractéristiques de sécurité (article de sécurité)
15. Conseils d'élimination pour petites quantités
16. Nature de l'emballage (abréviation)
17. Dimensions de l'emballage
18. Echelonnement des prix
19. BTN (numéro douanier de Bruxelles)

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I. Condiciones generales de venta/exportación

La presente lista de precios está destinada a la clientela de Riedel-de Haën. Los precios que figuran en la misma son exclusivamente los que nuestra empresa factura a sus clientes, no siendo vinculantes en modo alguno cuando éstos revendan, previo acuerdo, las mercancías que les suministramos. Nuestra lista tampoco contiene ninguna recomendación al respecto.

1. Condiciones aplicables

Las condiciones indicadas a continuación son válidas, a menos que Riedel-de Haën haya establecido condiciones especiales de venta para el país del comprador y las haya remitido a éste, en cuyo caso tendrán preferencia.

Las condiciones generales de compra del comprador no serán vinculantes para Riedel-de Haën más que si las hubiese aceptado por escrito.

2. Ofertas y pedidos

Todas las ofertas de Riedel-de Haën están sujetas a confirmación. Los pedidos y los acuerdos orales sólo serán vinculantes para Riedel-de Haën hasta el punto en que los haya aceptado por escrito o cumplimentado remitiendo la mercancía y la correspondiente factura.

El valor mínimo neto aceptado por Riedel-de Haën es de DM 1500,- por pedido y remesa, incluyendo embalajes, fletes franco frontera de la República Federal de Alemania o fob Bremen, Hamburgo o Lübeck. Los pedidos por valor inferior al indicado no pueden atenderse por motivos de racionalización.

La indicación "como anteriormente" no es vinculante para Riedel-de Haën, no pudiendo referirse ni a la calidad ni al precio.

Los productos de los que existan varias calidades según la lista de Riedel-de Haën, deberán especificarse exactamente en el pedido.

3. Facturación y pago

Riedel-de Haën está facultada para modificar sus precios hasta 30 días antes del plazo de suministro acordado. En caso de aumento, el comprador podrá volverse atrás de la parte no ejecutada del contrato dentro de los 14 días siguientes a habérselo comunicado. Este derecho no puede aplicarse cuando el aumento tenga por causa una subida de los fletes. Como base para la facturación, se tomará el peso original. Irán a cargo del comprador los gastos suplementarios, p. ej. los gastos bancarios resultantes de la transferencia del importe de la factura, así como los percibidos al retirar la documentación de embarque.

Frente a las demandas de Riedel-de Haën, el comprador sólo podrá anotar en cuenta de compensación o hacer valer su derecho de retención cuando sus argumentos sean incontrovertibles o hayan sido legalmente comprobados.

En caso de retrasos en el pago, así como cuando existan dudas fundadas acerca de la solvencia del comprador, Riedel-de Haën está facultada – sin perjuicio de sus restantes derechos – para exigir el pago por adelantado de los suministros todavía no realizados y el inmediato cumplimiento de todos los derechos dimanantes de la relación comercial establecida.

4. Suministro y aceptación

La obligación de suministro por parte de Riedel-de Haën quedará en suspenso en tanto el comprador se retrase en abonar los pagos

vencidos. Los plazos de suministro acordados se referirán al momento en que los riesgos pasen al comprador. En caso de demora culpable en el suministro, el comprador podrá volverse atrás del contrato o reclamar daños y perjuicios cuando haya transcurrido el plazo suplementario prudencial que haya establecido por escrito, sin que le asista ningún otro derecho. Sin embargo, las reclamaciones de daños y perjuicios por parte del comprador, debidas a retraso o incumplimiento, se limitarán al importe facturado de la mercancía dejada de suministrar o no suministrada dentro del plazo acordado, a menos que Riedel-de Haën responda ilimitadamente por culpa lata según prescripciones legales obligatorias.

Las perturbaciones imprevistas en la marcha de la fabricación, el incumplimiento de los plazos de suministro acordados, la falta de suministro por parte de los proveedores de Riedel-de Haën, la falta de personal, de energías o de materias primas, las huelgas, los cierres patronales, las dificultades en la contratación de medios de transporte, las perturbaciones del tráfico, las disposiciones oficiales y los casos de fuerza mayor eximen, durante la duración de los mismos y en proporción a sus efectos, a la parte afectada de la obligación de suministrar o aceptar. Si, a causa de ello, el suministro o la aceptación se demorasen más de un mes, ambas partes están facultadas para volverse atrás del contrato por la cantidad que no haya podido ser suministrada o aceptada, renunciando a cualquier otra reclamación.

5. Envío

La forma y el trayecto de envío los eligirá Riedel-de Haën, atendiendo en lo posible los deseos del comprador. Los gastos suplementarios a que ello dé lugar irán a cargo del comprador.

6. Aceptación de riesgos

Siempre que no se acuerde otra cosa, los riesgos serán traspasados definitivamente al comprador cuando la mercancía se remita o – si el comprador se retrasase en aceptarla – quede a punto de remitir por parte de Riedel-de Haën.

7. Reclamaciones

El comprador verificará si la mercancía suministrada se ajusta a la calidad acordada y la aplicación prevista. Si omitiese este trámite, no lo realizase en la envergadura necesaria o no denunciase inmediatamente (a más tardar dentro de los 14-días siguientes a haber recibido la mercancía) a Riedel-de Haën los defectos detectados, la mercancía se considerará aceptada en todos los aspectos. Los defectos indetectables se considerarán aceptados si no se denuncian a Riedel-de Haën inmediatamente después de haber sido descubiertos o 6 meses a lo sumo después de haberse suministrado la mercancía. Las reclamaciones se formularán por escrito, indicando los datos de pedido y los números de la factura y de la remesa. La mercancía objeto de la reclamación sólo se devolverá previa conformidad expresa de Riedel-de Haën.

En caso de reclamaciones debidamente formuladas y justificadas, Riedel-de Haën podrá optar, teniendo en cuenta los intereses del comprador, por conceder una bonificación, subsanar, sustituir o aceptar la devolución de la mercancía, reintegrando su valor. Si Riedel-de Haën dejase de cumplir este compromiso, el comprador podrá elegir entre las posibilidades indicadas, no teniendo otros derechos que los que le correspondan legalmente. Esto reza especialmente para la reparación por daños no sufridos directamente por la mercancía.

8. Responsabilidad, renunciaciones

El comprador sólo podrá reclamar daños y perjuicios, o volverse atrás del contrato, en aquellos casos a y hasta el extremo en que lo dispongan expresamente las presentes Condiciones de Venta, quedando excluida cualquier otra responsabilidad por parte de Riedel-de Haën – independientemente de cual fuere el fundamento legal, incluso por incumplimiento de obligaciones secundarias estipuladas contractualmente y actos ilícitos –, a menos que responda ilimitadamente por culpa lata según precripciones legales obligatorias.

9. Reserva de propiedad

Las mercancías no pasarán a ser propiedad del comprador hasta que éste haya cumplido con todas las obligaciones derivadas de las relaciones comerciales mutuas. El comprador queda obligado a prestar su cooperación en todas las medidas que adopte Riedel-de Haën para proteger sus derechos sobre la mercancía suministrada, informando inmediatamente a ésta acerca de las pretensiones de terceros sobre la misma.

10. Marcas registradas

Cuando se transvasen, transformen, mezclen con otras sustancias, etc. los productos que ostenten una marca registrada, ésta no podrá aplicarse a los productos derivados, salvo previa conformidad expresa por escrito del titular de la misma.

11. Envases

Los tambores y otros envases no recuperables no podrán aprovecharse para el tráfico comercial más que después de haber adoptado las medidas oportunas para que resulten irreconocibles los símbolos, el nombre, las marcas registradas y las denominaciones de Riedel-de Haën. El usuario deberá tener en cuenta, bajo su propia responsabilidad, las normas existentes para los mismos. Para los envases de más de 5 kg/l rigen las condiciones adicionales de Riedel-de Haën.

12. Incoterms

Sirven de complemento a estas disposiciones las „Incoterms“, editadas por la Cámara Internacional de Comercio de París, en su edición vigente en el momento de cumplimentar el pedido.

13. Legislación aplicable y jurisdicción competente

A todos los contratos de venta, se aplicará la legislación vigente en el lugar en que se halla enclavada la sede principal de Riedel-de Haën. Cuando no existan obstáculos legales, se considerará jurisdicción competente la de la sede de Riedel-de Haën, así como los tribunales de la localidad del comprador para las acciones judiciales de Riedel-de Haën.

Septiembre de 1980

II. Aclaraciones

Datos analíticos

La pureza de los productos químicos para análisis y de las calidades especiales de Riedel-de Haën se describe en las especificaciones a través de datos-contenidos mínimos ("min.") y máximos ("máx.") – analíticos.

Para los demás productos (químicamente puros y de síntesis, etc.) se indican análisis tipo (contenidos sin "mín." o "máx."). Los datos que figuran en estas especificaciones son los valores medios obtenidos al analizar las diferentes partidas.

Calidades farmacéuticas

Cuando el nombre de los productos va acompañado de la indicación de una farmacopea, ello significa que se ajusta a las especificaciones de la misma. Tales productos contienen frecuentemente menos impurezas que las que permiten las correspondientes farmacopeas, en cuyo caso figuran en las especifica-

ciones valores característicos para las mismas. El control de pureza realizado por Riedel-de Haën no exime al comprador o al transformador de atenerse a las correspondientes leyes farmacéuticas. Especialmente en la fabricación de soluciones inyectables y para infusiones, deberán tenerse en cuenta las normas farmacéuticas en cuanto a preparación esterilización y ensayo de pirógenos.

Etiquetas

Los datos analíticos figuran en las etiquetas, correspondiendo al estado actual en el momento de imprimirse el presente catálogo. Las modificaciones se tienen en cuenta mediante nuevas etiquetas. Para la calidad de un producto resultan vinculantes las especificaciones anotadas en la etiqueta.

Garantía

Para la garantía son vinculantes nuestras Condiciones Generales de Venta.

Riedelbox-Sistema

Para un pedido de:

- a) menos de 1 "Riedelbox"
 - 1. hasta 4 envases
 - 2. 5-6 envases
- b) más de 1 "Riedelbox"
 - 1. 1 ó 2 envases más
 - 2. 3-5 envases más

Suministro

cantidad solicitada

1 "Riedelbox" = 6 envases

/Se reduce la cantidad a un "Riedelbox" completo menos se eleva la cantidad a un "Riedelbox" completo más

En el caso de que no deseen se aplique este sistema, facturaremos acuerdo con los precios correspondientes al número de "Riedelbox" por artículo o bien a precios unitarios, en su caso.

Denominaciones de calidad

El surtido de productos químicos de laboratorio de Riedel de Haën AG contiene preparados en diversos grados de calidad, de acuerdo con las exigencias de los respectivos campos de aplicación:

1. PURANAL®

es la marca de fábrica para productos químicos de alta pureza. El análisis de estos productos sobre residuos de impurezas aún existentes, cuyos límites se sitúan por debajo de las ppm, tiene lugar por medio de los métodos más modernos de detección de trazas. Los valores de garantía para estas impurezas residuales deben considerarse como el límite superior. Los valores efectivos son considerablemente inferiores. El campo de aplicación principal para este surtido es la producción de semiconductores, pero también en la analítica de trazas y en la investigación y desarrollo está muy difundido el empleo de los productos químicos PURANAL®.

2. Reactivos para el análisis

Los productos químicos de este grado de pureza corresponden a las exigencias de los analistas. Los contenidos mínimos o las cantidades máximas de impurezas residuales indicados en las especificaciones son valores garantizados, cuyo mantenimiento se vigila mediante permanentes y minuciosos controles analíticos. Los reactivos que satisfacen las exigencias de pureza de la American Chemical Society, de la International Organization for Standardization o de la sección de reactivos de la Farmacopea Alemana (que abarca la DAB 8, así como los 3 tomos de la Farmacopea Europea), llevan la designación adicional "Reac. ACS", "Reac. ISO" o "Reac. DAB 8" o bien "Reac. Ph. Eur. I".

3. PESTANAL®

es la marca de fábrica para productos químicos y disolventes para el análisis residual de pesticidas. Estos disolventes de pureza extremadamente elevada no contienen ninguna clase de impurezas que muestren en el cromatograma de gas (detección ECD), en los correspondientes volúmenes de retención, señales superiores a $5 \times 10^{-10} \%$ o 5 ng/litro de pentaclorobenceno, α -HCH, Aldrin o DDT.

4. Productos químicos SPECTRANAL®

son disolventes y preparados para la espectroscopia. Las permeabilidades mínimas logradas mediante procedimientos especiales de depuración de estos productos superan, en parte, considerablemente las garantizadas por los correspondientes disolventes CHROMASOLV®.

5. Disolventes CHROMASOLV®

para la cromatografía de líquidos tienen permeabilidades garantizadas en determinadas longitudes de onda. Son apropiados para las separaciones analíticas y preparativas en la cromatografía de columna, de capa fina y líquidos de alta presión.

6. Productos químicos PROSYNTH®

son, en primer lugar, preparados para la síntesis orgánica en el laboratorio, planta piloto y de producción. Este surtido cumple con el deseo de los expertos en la materia de disponer de una gama lo más extensa posible de elementos de síntesis. Es de notar especialmente la gran elección de productos químicos orgánicos del bromo y flúor, en parte, difícilmente accesibles. La pureza de estos productos se caracteriza en forma de un análisis tipo por la indicación del contenido, así como de algunos datos físicos.

Una serie de productos químicos está caracterizada por una marca o por la indicación del campo especial de aplicación. Así, pues, con los productos correspondientes se relacionan, por ejemplo, denominaciones de calidad como BIOSYNTH®, FIXANAL®, IDRANAL®, o para cromatografía, para microscopia, para escintilación, para análisis de extracción, indicador, catalizador de hidrogenación.

IV. Peligros especiales y precauciones aconsejables al manipular productos químicos

De acuerdo con las normas de la Comunidad Económica Europea, los estados miembros de la misma deben señalar determinadas materias peligrosas con símbolos de peligrosidad, indicaciones especiales (normas R) y precauciones aconsejables (normas S). Además de en las etiquetas, en nuestro catálogo figuran los símbolos de peligrosidad, así como los números de las correspondientes normas R y S. Seguidamente indicamos el texto correspondiente a estas últimas, que debe tenerse en cuenta al manipular las sustancias.

Además de las materias que figuran en las correspondientes listas, hemos incluido otros productos que también poseen características peligrosas, según su categoría, cantidad y nuestra experiencia. El hecho de que no se aluda a las normas R y S, no supone ausencia de peligrosidad. En todos los casos, es necesario utilizar las medidas de protección y seguridad usuales en la manipulación de productos químicos.

Calificación de peligros especiales (normas R)

- R 1 Explosivo en seco
- R 2 Explosivo por impacto, frote, fuego u otras causas
- R 3 Muy explosivo por impacto, frote, fuego u otras causas
- R 4 Forma compuesto metálico muy sensible y explosivo
- R 5 Explosivo, si se calienta
- R 6 Explosivo, tanto con como sin aire
- R 7 Puede provocar incendios
- R 8 Peligro de incendio en contacto con materias combustibles
- R 9 Peligro de explosión en mezcla con materias combustibles
- R 10 Inflamable
- R 11 Muy inflamable
- R 12 Sumamente inflamable
- R 13 Gas licuado sumamente inflamable
- R 14 Reacciona enérgicamente con agua
- R 15 Reacciona con agua, formando gases muy inflamables
- R 16 Explosivo, en mezcla con sustancias promotoras de la combustión
- R 17 Inflamable espontáneamente en contacto con el aire
- R 18 Posible formación de mezclas explosivas a muy inflamables de vapor y aire al usarlo
- R 19 Puede formar peróxidos explosivos
- R 20 Perjudicial para la salud, si se inhala
- R 21 Perjudicial para la salud, si entra en contacto con la piel
- R 22 Perjudicial para la salud, si se ingiere
- R 23 Tóxico, si se inhala
- R 24 Tóxico, si entra en contacto con la piel
- R 25 Tóxico, si se ingiere
- R 26 Muy tóxico, si se inhala
- R 27 Muy tóxico, si entra en contacto con la piel
- R 28 Muy tóxico, si se ingiere
- R 29 Desprende gases tóxicos en contacto con el agua
- R 30 Puede resultar muy inflamable al usarlo
- R 31 Desprende gases tóxicos en contacto con ácido

- R 32 Desprende gases muy tóxicos en contacto con ácido
- R 33 Peligro de efectos acumulativos
- R 34 Provoca corrosiones
- R 35 Provoca corrosiones graves
- R 36 Irrita los ojos
- R 37 Irrita los órganos respiratorios
- R 38 Irrita la piel
- R 39 Serio peligro de daños irreversibles
- R 40 Riesgo de daños irreversibles
- R 42 Riesgo de sensibilización, si se inhala
- R 43 Riesgo de sensibilización, si entra en contacto con la piel

Combinación de las normas R

- R 14/15 Reacciona enérgicamente con agua, formando gases muy inflamables
- R 15/29 Reacciona con agua, formando gases tóxicos y muy inflamables
- R 20/21 Perjudicial para la salud, si se inhala y entra en contacto con la piel
- R 21/22 Perjudicial para la salud, si entra en contacto con la piel y se ingiere
- R 20/22 Perjudicial para la salud, si se inhala e ingiere
- R 20/21/22 Perjudicial para la salud, si se inhala, ingiere y entra en contacto con la piel
- R 23/24 Tóxico, si se inhala y entra en contacto con la piel
- R 24/25 Tóxico, si entra en contacto con la piel y se ingiere
- R 23/25 Tóxico, si se inhala e ingiere
- R 23/24/25 Tóxico, si se inhala, ingiere y entra en contacto con la piel
- R 26/27 Muy tóxico, si se inhala y entra en contacto con la piel
- R 27/28 Muy tóxico, si entra en contacto con la piel y se ingiere
- R 26/28 Muy tóxico, si se inhala e ingiere
- R 26/27/28 Muy tóxico, si se inhala, ingiere y entra en contacto con la piel
- R 36/37 Irrita los ojos y los órganos respiratorios
- R 37/38 Irrita los órganos respiratorios y la piel
- R 36/38 Irrita los ojos y la piel
- R 36/37/38 Irrita los ojos, los órganos respiratorios y la piel
- R 42/43 Riesgo de sensibilización, si se ingiere y entra en contacto con la piel

Precauciones aconsejables (normas S)

- S 1 Guardar bajo llave
- S 2 Dejar fuera del alcance de los niños
- S 3 Conservar frío
- S 4 Conservar alejado de las viviendas
- S 5 Conservar bajo agua
- S 5a Conservar bajo aceite de parafina
- S 5b Conservar bajo petróleo

- S 6 Conservar bajo ... (gas inerte, a indicar por el fabricante)
- S 7 Conservar los recipientes herméticamente cerrados
- S 8 Conservar secos los recipientes
- S 9 Conservar los recipientes en un lugar bien ventilado
- S 10 Mantener húmedo el contenido
- S 11 Impedir la entrada de aire
- S 12 No cerrar los recipientes de manera hermética a los gases
- S 13 Mantener alejado de alimentos, bebidas y forrajes
- S 14 Mantener alejado de sustancias muy inflamables
- S 15 Proteger del calor
- S 16 Mantener alejado de fuentes de inflamación – No fumar
- S 17 Mantener alejado de materias combustibles
- S 18 Precaución, al abrir y manipular los recipientes
- S 20 No comer ni beber durante el trabajo
- S 21 No fumar durante el trabajo
- S 22 No inhalar el polvo
- S 23 No respirar gas/humo/vapor/aerosol (a indicar por el fabricante)
- S 24 Evitar el contacto con la piel
- S 25 Evitar el contacto con los ojos
- S 26 De producirse contacto con los ojos, enjuagar con agua abundante y acudir al médico
- S 27 Quitarse inmediatamente las prendas ensuciadas o empapadas
- S 28 De producirse contacto con la piel, lavar inmediatamente con abundante agua
- S 28a De producirse contacto con la piel, lavar inmediatamente con abundante cobre sulfato en solución 2 %
- S 29 No permitir que se vierta en la canalización
- S 30 No agregar agua en ningún caso
- S 31 Alejar de materias explosivas
- S 33 Adoptar precauciones contra cargas electroestáticas
- S 34 Evitar impactos y roces
- S 35 Eliminar, con las debidas precauciones, desperdicios y recipientes
- S 36 Utilizar durante el trabajo prendas protectoras adecuadas
- S 37 Utilizar guantes protectores adecuados
- S 38 Utilizar aparatos respiratorios si la ventilación es insuficiente
- S 39 Utilizar gafas protectoras/escudo protector facial
- S 40 Limpiar el pavimento y los objetos contaminados con ... (a indicar por el fabricante)
- S 41 No inhalar los gases producidos por explosiones y combustiones
- S 42 Utilizar al fumigar/pulverizar aparatos respiratorios adecuados (a indicar por el fabricante)
- S 43 Extinguir con agua
- S 43a Extinguir con arena
- S 44 En caso de indisposición, solicitar asistencia médica (mostrando, si es posible, esta etiqueta)
- S 45 En caso de accidente o indisposición, solicitar asistencia médica inmediata (mostrando, si es posible, esta etiqueta)

Combinación de las normas S

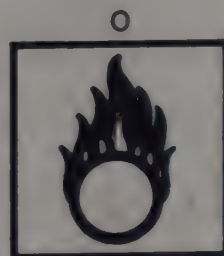
- ✓ S 1/2 Guardar bajo llave y fuera del alcance de los niños
- S 3/7/9 Conservar los recipientes herméticamente cerrados y en lugar fresco y bien ventilado
- S 3/9 Conservar los recipientes en un lugar fresco y bien ventilado
- S 7/9 Conservar los recipientes herméticamente cerrados y en un lugar bien ventilado
- S 7/8 Conservar los recipientes secos y herméticamente cerrados
- S 20/21 No comer, beber ni fumar durante el trabajo
- S 24/25 Evitar el contacto con los ojos y con la piel
- S 36/37 Utilizar durante el trabajo prendas y guantes protectores adecuados
- S 36/39 Utilizar durante el trabajo prendas y gafas protectoras/escudo facial adecuados
- S 37/39 Utilizar durante el trabajo gafas y guantes protectores/escudo facial adecuados
- S 36/37/38 Utilizar durante el trabajo prendas/guantes protectores y gafas protectoras/escudo facial adecuados

Símbolos de peligrosidad y significado de los mismos

En negro, sobre fondo amarillo-anaranjado



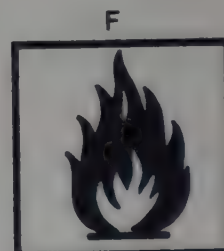
Explosivo



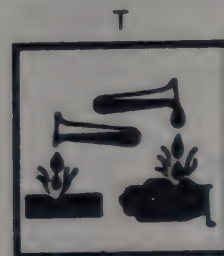
Fomentador de la combustión



Tóxico



Muy inflamable



Corrosivo



Perjudicial para la salud



Irritante

V. Instrucciones para eliminar pequeñas cantidades de productos químicos de laboratorio

Mientras que las cantidades importantes de productos químicos sobrantes deben tratarse de acuerdo con lo que establece la Ley alemana sobre Eliminación de Desperdicios, los pequeños restos de productos químicos de laboratorio pueden convertirse, llegado el caso, en compuestos no perjudiciales para el medio ambiente a través de sencillas reacciones químicas. Ello significa que deberán modificarse (p. ej. por neutralización, oxidación o reducción) de acuerdo con sus características químicas, de modo que al verter los productos resultantes en aguas residuales, o al depositarlos en vertederos corrientes, no representen ningún peligro para la salud ni para el medio ambiente.

Los métodos que describimos a continuación tienen por finalidad servir de orientación acerca de cómo eliminar pequeños restos de productos de laboratorio por parte de personal especializado, sin que ello implique responsabilidad alguna para nosotros. Determinadas condiciones locales y disposiciones oficiales pueden constituir un impedimento para la realización de algunos de los mismos.

Las reacciones químicas, que citamos a modo de ejemplo, son válidas para un determinado grupo de productos, no teniendo en cuenta características especiales de algunos de ellos. También desde este aspecto, nuestras instrucciones constituyen meros consejos sin compromiso por nuestra parte, que presuponen verificar y evaluar que la reacción deseada llegue a su término antes de arrojar los productos resultantes a las aguas residuales o a un vertedero.

Para la realización de los trabajos, también remitimos a las Normas de Prevención de Accidentes y a las correspondientes hojas de especificaciones de la Mutualidad Patronal de Industrias Químicas Alemanas, así como a las Indicaciones sobre Peligrosidad y a las Normas de Seguridad, de acuerdo con la Ordenanza sobre Materiales Peligrosos y con las Normas de la Comunidad Europea, que también se citan en el presente catálogo.

Ejemplos de métodos de eliminación

1. Los **ácidos inorgánicos y las soluciones ácidas** se diluyen primero con agua, tras lo cual se neutralizan (pH 6-8) adicionando lentamente sosa cáustica (producto nº 05211). La solución salina resultante, puede – después de someterla, en caso necesario, a una dilución más completa – verterse en las aguas residuales. ¡Téngase en cuenta la concentración máxima admisible!

Los **ácidos derramados** se espolvorean con un exceso de hidróxido cálcico en polvo (producto nº 12038) y/o carbonato ácido de sodio en polvo (producto nº 13433). Una vez finalizada la reacción, pueden recogerse con un paño húmedo y eliminarse con agua abundante.

2. Las **sales de reacción ácida** en solución acuosa se mezclan primeramente con carbonato ácido de sodio en polvo (producto nº 13433) o con carbonato sódico en polvo (producto nº 13419), después de lo cual se disuelven en agua abundante y se vierten neutralizadas en las aguas residuales. ¡Téngase en cuenta la concentración máxima admisible!

3. Las **bases orgánicas, las lejías y los hidróxidos inorgánicos** hidrosolubles se neutralizan lentamente con ácido (sulfúrico) (producto nº 07208) diluido y se vierten en las aguas residuales en forma de solución salina (pH 6-8) diluida con agua. ¡Téngase en cuenta la concentración máxima admisible!

Las **lejías alcalinas derramadas** y los líquidos de reacción alcalina pueden espolvorearse en exceso con sulfato ácido de sodio en polvo (producto nº 13437), recogiendo seguidamente con un paño húmedo y eliminándose con agua abundante.

4. Las **sales básicas** se mezclan primeramente, llegado el caso, con sulfato ácido de sodio sólido (producto nº 13437) y se disuelven en agua, vertiéndose seguidamente en las aguas residuales en forma de soluciones diluidas neutralizadas (pH 6-8).
5. Los **compuestos orgánicos de gran volatilidad** en pequeñas dosis pueden evaporarse en lugares muy ventilados o a la intemperie, evitando la formación de mezclas combustibles de vapor/aire y manteniéndolos alejados de llamas abiertas y de cualquier otra fuente de inflamación.
6. Los líquidos combustibles, como **hidrocarburos, alcoholes, ésteres y cetonas**, deberán eliminarse en una planta incineradora provista de postcombustión. Las pequeñas cantidades de los mismos, p. ej. también los restos de disolventes, pueden recogerse con papel de filtro u otras materias absorbentes combustibles, e incinerarse o evaporarse a la intemperie en una bandeja (véase método 5). Debe considerarse la posibilidad de recuperarlos, p. ej. según el método 13.
7. Los **compuestos halogenados orgánicos** combustibles se incineran en mezcla con carbonato sódico (producto nº 13419) y/o hidróxido cálcico en polvo (producto nº 12038). Los halogenuros orgánicos líquidos deben recogerse primeramente con productos absorbentes, espolvorearse con hidróxido cálcico en polvo e incinerarse.
8. Estos **productos relativamente inofensivos** pueden verterse directamente en las aguas residuales después de haberlos diluido con agua abundante. ¡Téngase en cuenta la concentración máxima admisible!
9. Estos **productos peligrosos y difíciles de transformar** deben depositarse en un vertedero especial.
10. Ni siquiera las dosis reducidas de estos **productos de alta toxicidad** puede eliminarse por medios sencillos, por lo que resulta necesario transportarlas a un vertedero oficial para desechos tóxicos o recuperarlas por separado.
11. Estos compuestos, p. ej. **halogenuros inorgánicos líquidos**, deben adicionarse a una mezcla de carbonato sódico (producto nº 13419) e hidróxido cálcico (producto nº 13038), detrás de un escudo protector o en la vitrina de tiro del laboratorio, extremando las precauciones. Una vez finalizada la reacción, la mezcla resultante se incorpora cuidadosamente a agua abundante, agitando simultáneamente, y, una vez neutralizada, se vierte en las aguas residuales.

12. En la vitrina de tiro del laboratorio, estos productos se vierten lentamente sobre hielo y se neutralizan. La mezcla resultante diluida puede verterse en las aguas residuales.
13. Debe intentarse depurar y recuperar, p. ej. por destilación, estos líquidos, que suelen formar vapores tóxicos. En caso contrario, pueden eliminarse según métodos 5, 6 ó 7.
14. Los aldehídos se cubren con sulfito sódico (producto nº 13471) y se mezclan con un poco de agua. Una vez concluida la reacción, se diluyen con agua abundante y se vierten en las aguas residuales. También pueden evaporarse con precaución o incinerarse en la vitrina de tiro del laboratorio (véase métodos 5 y 6).
15. Para oxidar nitrilos o mercaptanos, se utiliza cloruro de cal (producto nº 12103) en solución acuosa al 15% como máximo. La reacción debe propiciarse con una agitación intensa prolongada. Seguidamente, la mezcla resultante se neutraliza y se vierte diluida en las aguas residuales.
16. Los compuestos oxidantes favorecedores de la combustión se mezclan bien con productos reductores sólidos, tales como tiosulfato sódico (producto nº 13481) o sulfito sódico (producto nº 13471), después de lo cual se adiciona, agitando simultáneamente, un poco de agua. En caso necesario, la reacción se acelerará incorporando con precaución ácido sulfúrico diluido (producto nº 07208). Una vez neutralizado, el líquido puede verterse con agua abundante en la red de desagüe.
17. Las azidas de metales y los compuestos azoicos deben oxidarse sobre hielo con una solución diluida de nitrato de amonio y cerio (IV) (producto nº 31823). Una vez finalizada la reacción, la fase orgánica se separará en caso necesario y se incinerará. El resto puede verterse en las aguas residuales diluido con agua abundante.
18. Las sustancias disueltas en disolventes orgánicos se eliminan según los métodos 6 ó 7, después de haber adicionado alcohol para incrementar su combustibilidad.
19. Las aminas pueden neutralizarse por el método 3, o incinerarse por los métodos 6 ó 7.
20. Estos compuestos se incinerarán o evaporarán en pequeñas cantidades, adoptando en todos los casos precauciones especiales (véase método 5). De lo contrario, pueden separarse y recuperarse por el método 13.
21. Los ácidos orgánicos y los halogenuros de ácidos pueden neutralizarse p. ej. por los métodos 1 ó 2, o incinerarse por los métodos 6 ó 7.
22. Los cianuros inorgánicos se tratan con sosa cáustica (producto nº 05211) y cloruro de cal en solución (producto nº 12103). Después de una prolongada actuación de estos productos, la solución resultante se diluye con agua abundante y se vierte en las aguas residuales.
23. Los compuestos halogenados orgánicos incombustibles deben recogerse y recuperarse por destilación. En caso contrario, pueden incinerarse por el método 7 en mezcla con disolventes orgánicos.
24. El metal de estos compuestos debe recuperarse o convertirse en compuestos insolubles en agua. Las soluciones obtenidas, p. ej. por adición de ácido, se neutralizan cuidadosamente con hidróxido amónico, después de lo cual el metal se precipita con productos adecuados en forma de hidróxido, carbonato o sulfato. El precipitado, lavado, filtrado y secado, se recuperará o trasladará un vertedero especial. Las pequeñas cantidades de los mismos pueden verterse diluidas en las aguas residuales (véase también método 26).
25. También los restos de compuestos radioactivos, separados cuidadosamente de otros desperdicios, deben transportarse a un vertedero especial o recuperarse.
26. Para recuperar el metal la sal se disuelve en ácido (clorhídrico) (producto nº 07104) y la solución resultante diluida, neutralizada en caso necesario, se satura en la vitrina de tiro con ácido sulfúrico, para precipitar los sulfuros metálicos. El precipitado, lavado y secado, se recuperará o se depositará en un vertedero especial (véase también método 24).
27. Incluso las cantidades relativamente reducidas de residuos de ácido fluorhídrico o de compuesto fluorados inorgánicos, se tratarán con hidróxido cálcico en polvo (producto nº 12038) o con lechada de cal, para precipitar de la solución acuosa el fluoruro cálcico insoluble. El precipitado, lavado y secado, puede transportarse a un vertedero corriente. Las soluciones se tratarán, en caso necesario, por el método 24.
28. Los metales alcalinos y alcalinotérreos, así como determinados compuestos organometálicos, se cubren y se mezclan en primer lugar en seco con carbonato sódico anhidro (producto nº 13419). Seguidamente, en la vitrina de tiro, se adiciona lentamente butanol (producto nº 24124), evitando fuentes de inflamación. El día siguiente de haber concluido la reacción, se diluyen cuidadosamente con agua abundante y, una vez neutralizadas, se vierten en las aguas residuales.
29. Para oxidar fósforo y fosfuros metálicos, se utilizan soluciones diluidas de p. j. cloruro de cal (producto nº 12103) con sosa cáustica (producto nº 05211). Dichos productos, que son muy inflamables, así como sus productos de reacción, deben manipularse bajo nitrógeno en la vitrina de tiro del laboratorio. Los mismos se colocan en pequeñas dosis en la solución de oxidación bien fría. Los productos de reacción que se separan, también tóxicos, pueden incinerarse por el método 7.

VI. Abreviaturas y símbolos convencionales

B.T.N.	=	tarifa aduana de Bruselas
A.	=	ampolla, tubo de vidrio
AL./ALU.	=	recipiente de aluminio
BA.	=	bombona
BL.	=	lata
BLT.	=	tambor
EKL.	=	recipiente de metal, ligero
EKS.	=	recipiente de metal, pesado
F.	=	barril
FL.	=	frasco de vidrio
FPD.	=	tambor de plástico
FPF.	=	barril o tambor de plástico
FTP.	=	tambor de fibra
K.	=	caja de cartón
KA.	=	bidón
PF.	=	frasco plástico
PKM.	=	container de plástico
S.	=	saco
SF.	=	cilindro de acero
STP.	=	tambor
TS.	=	bombona blindada
WG.	=	frasco de vidrio de boca ancha
ZK.	=	bidón de zinc
pack	=	envase standard
kg	=	kilogramo
g	=	gramo
mg	=	miligramo
ml	=	mililitro
L	=	litro
D₄²⁰	=	densidad
R.G.	=	para análisis
GC	=	cromatografía de gas
ε	=	coeficiente de extinción molar
n	=	índice de refracción
[α]_D²⁰	=	rotación específica
nm	=	nanómetro
C.I.No.	=	Número del Colour-Index, 2a edición 1956
S.No.	=	Número de la tabla de colorantes Schultz, 7a edición
®	=	marca comercial registrada
El presente catálogo es una traducción de alemán, y las referencias a marcas comerciales ® = marca registrada que contiene significan que estas marcas están registradas bien en uno o en varios países		
1 L ≈ ... kg	=	Los pesos dados con la referencia "1 L ≈ ... kg" están en función de la calculación, sin configurar valores científicos
†	=	una vez agotadas las existencias, en case este tipo de envase ya no se incluirá mas en el catálogo

Las cifras indicadas debajo del número de los productos expresan la clase de peligrosidad en cifras o números UN (* = asimilado), así como el grupo de envases correspondiente a las siguientes normas de transporte:

- A) RID/ADR** = Règlement international concernant le transport des marchandises dangereuses par chemin de fer/Accord européen relatif au transport international des marchandises dangereuses par route
- B) GGVE/GGVS** = Gefahrgutverordnung Eisenbahn/Straße
- C) IMDG-CODE (GGVSee)** = International maritime dangerous goods code

- Categoría 1** = productos explosivos
- Categoría 2** = gases comprimidos, licuados o disueltos a presión
- Categoría 3** = productos líquidos inflamables
- Categoría 4.1** = productos sólidos inflamables
- Categoría 4.2** = productos inflamables espontáneamente
- Categoría 4.3** = productos que desprenden gases inflamables en contacto con agua
- Categoría 5.1** = productos de acción inflamante (oxidante)
- Categoría 5.2** = peróxidos orgánicos
- Categoría 6.1** = productos tóxicos
- Categoría 7** = productos radioactivos
- Categoría 8** = productos corrosivos
- Categoría 9** = productos peligrosos varios

Indicación especial (AG):

- | | | |
|-----------------|---|--|
| AG 521 | } | No afectado por las normas de transporte |
| AG 38/78 | | |

Parte de los puntos de inflamación indicados han sido tomados de la bibliografía.

Si un producto puede incluirse tanto en RID/ADR como en GGVE/GGVS, se señalará únicamente con una "A".

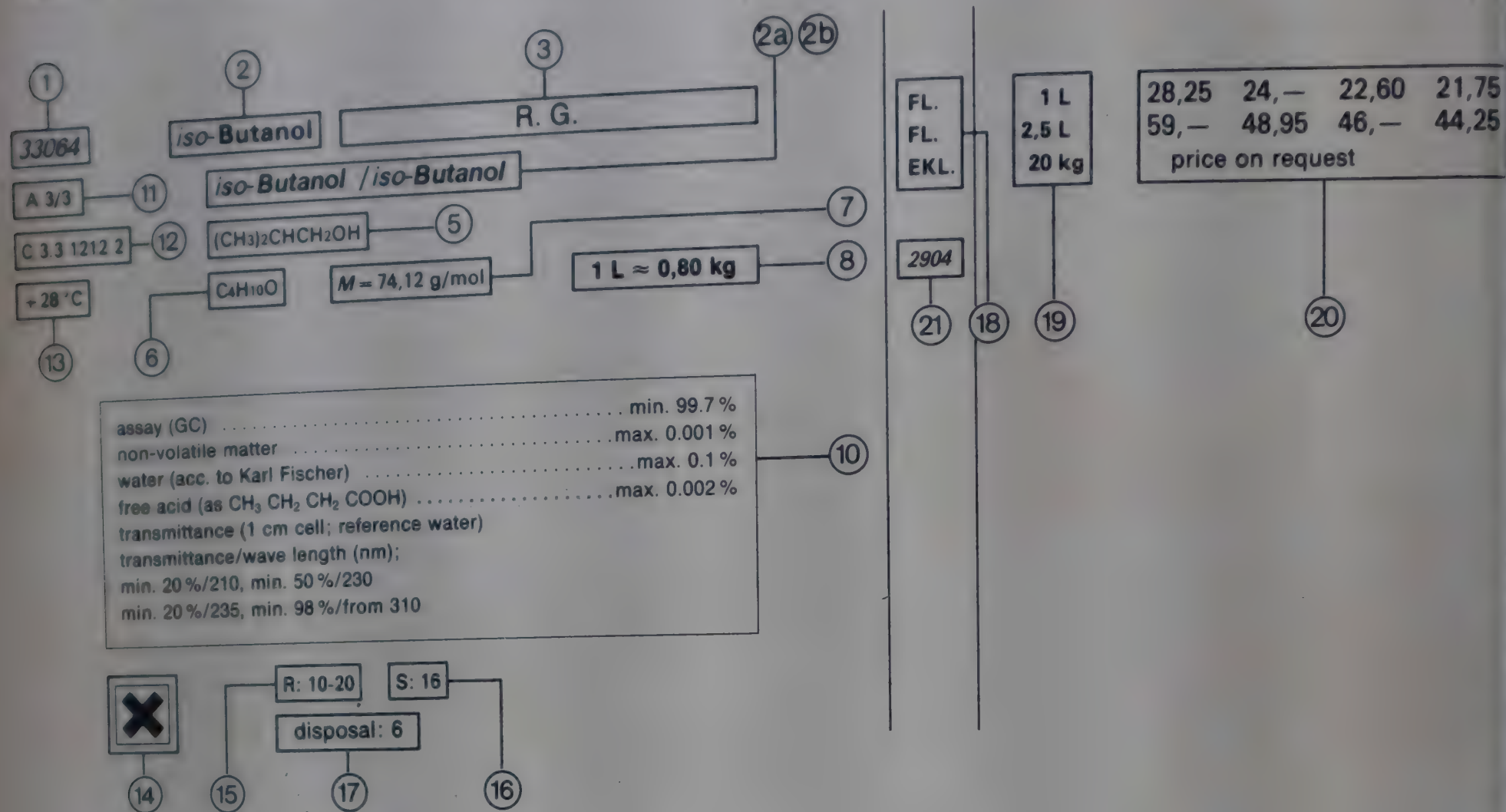
Los productos peligrosos quedan excluidos por norma del envío por correo.

Farmacopeas

- DAB** = Deutsches Arzneibuch
- DAC** = Deutscher Arzneimittel Codex
- Erg.B.** = Ergänzungsbuch zum Deutschen Arzneibuch
- B.P.** = British Pharmacopoeia
- B.P.C.** = British Pharmaceutical Codex
- Cod.Franç.** = Codex Français
- N.F.** = The National Formulary
- ÖAB** = Österreichisches Arzneibuch
- Ph.Belg.** = Pharmacopée Belge
- Ph.Eur. I** = European Pharmacopoeia, Vol. I, II, III
- Ph.Franç.** = Pharmacopée Française
- Ph.Ned.** = Pharm. Nederlandica
- Ph.Nord.** = Pharm. Nordica
- U.S.P.** = United States Pharmacopoeia

Estas informaciones corresponden al estado actual de nuestros conocimientos y pretenden instruirles acerca de nuestros productos y sus posibles aplicaciones, así como sobre las precauciones a adoptar para su manipulación. Con ello no quedan garantizadas propiedades específicas de los mismos o su aptitud para un uso concreto. Se habrán de tener en cuenta posibles derechos de propiedad industrial. Se garantiza la calidad de los productos según nuestras Condiciones Generales de Venta.

VII. Descripción de los productos



1. Número del producto
2. Nombre del producto Ingles, 2 a. Français, 2 b. Español
3. Descripción del surtido: características cualitativas generales; aplicación; presentación; estabilizadores.
4. Sinónimo
5. Fórmula estructural lineal
6. Fórmula aditiva
7. Masa molar
8. Masa por litro en líquidos (valor aproximado)
10. Especificaciones
11. Peligrosidad
12. Peligrosidad según código IMDG (GGVSee), número UN y grupo de envase
13. Punto de inflamación
14. Símbolo de peligrosidad (ArbStoffV)
15. Indicaciones sobre la peligrosidad (normas R)
16. Normas de seguridad (normas S)
17. Instrucciones para eliminar pequeñas cantidades
18. Tipo de envase (abreviado)
19. Capacidad del envase
20. Escala de precios
21. BTN (partida arancelaria de Bruselas)

Riedel-de Haën

Safe purchasing



Safety is the word when buying laboratory chemicals. Riedel-de Haën tells you how you can safely cut costs and just how safe is the handling of laboratory chemicals from Riedel-de Haën in your daily work.

Riedel boxes

Riedel safety boxes - our contribution to safety

Laboratory chemicals, among other things, are filled, sold and delivered in glass bottles. Although glass is a packaging material with many advantages,

it unfortunately also possesses one drawback - it breaks when subject to excessive impact load. This cannot be ruled out, especially during transportation.

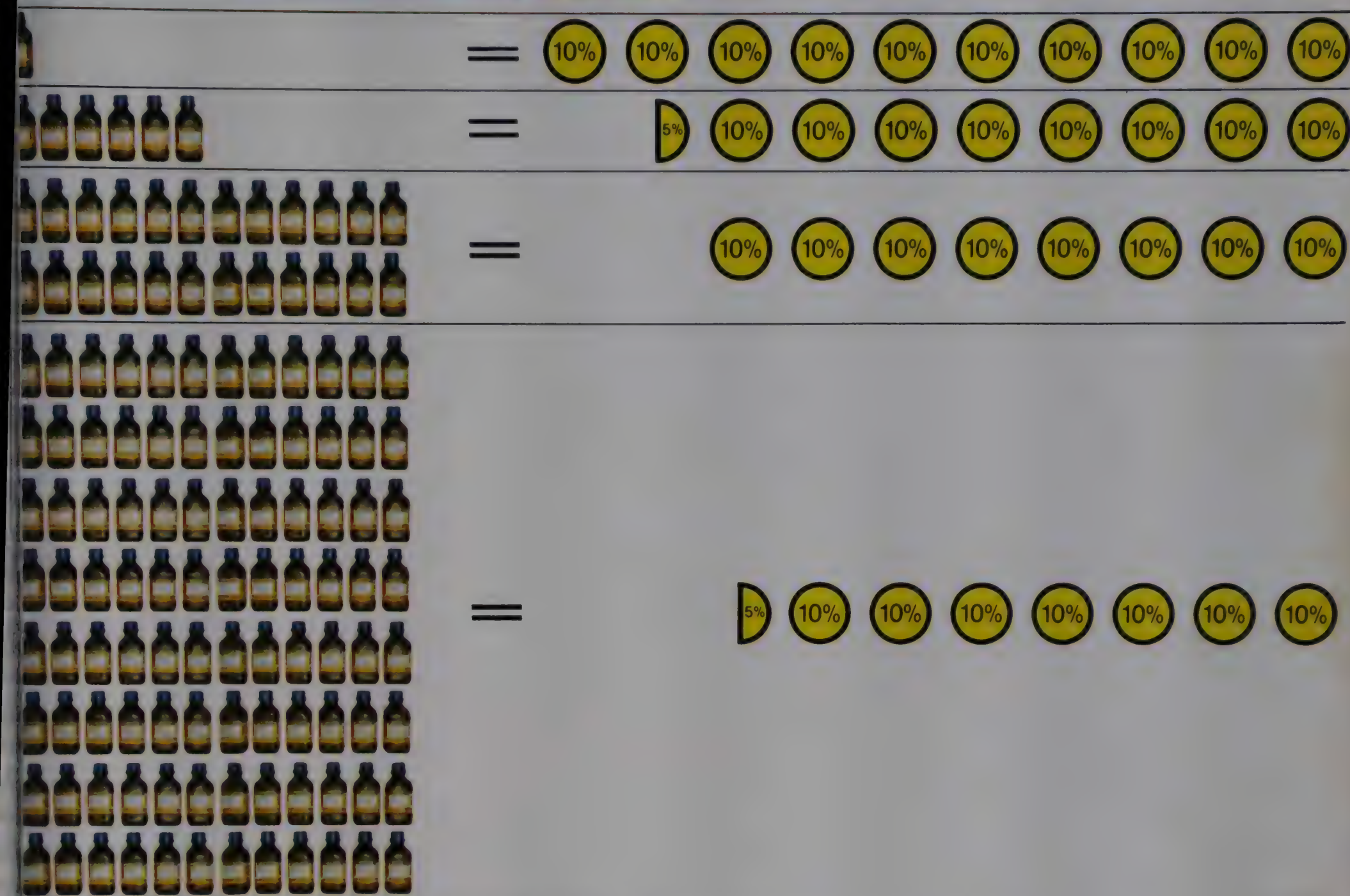
In order that the laboratory chemicals reach you safely, Riedel-de Haën has, therefore developed a safety box.

6 x safety à la Riedel-de Haën



Other advantages

Quantity discount for Riedel boxes, our contribution for cost reduction



Mathematics à la Riedel-de Haën

- You pay
- ☐ single pack = 100% single pack price
 - ☐ 1 Riedel box, each with 6 packs in one size = approx. 85% of single pack price (you save approx. 15%)
 - ☐ 4 Riedel boxes, each with 6 packs in one size = approx. 80% of single pack price (you save approx. 20%)
 - ☐ 16 Riedel boxes, each with 6 packs in one size = approx. 75% of single pack price (you save approx. 25%)

And another advantage of mathematics à la Riedel-de Haën:

You can combine together in your order Riedel boxes containing any product in our selling range:

Either: 16 Riedel boxes each with 6 original packs and containing 16 different products – for each Riedel box you will then be charged the lowest sliding-scale price printed in the price list.

Or: if 16 Riedel boxes are too much for you, then we charge you, for example for 4 Riedel boxes each with 6 original packs and containing 4 different products, the sliding-scale price for 24 packs.

You yourself can decide which is the best way for you to reduce purchasing costs.

Riedel-de Haën

Products with built-in reliability



Reliability through experience

Riedel-de Haën, a member of the Hoechst Group, grew out of the J. D. Riedel chemical and pharmaceutical factory and the E. de Haën chemical factory. Merged in 1928 to Riedel-de Haën AG, the company developed in the following years to a strongly innovative enterprise with extensive technical and scientific know-how and a broad range of products.

Reliability through product quality

- From "technical-grade" to "ultrapure" qualities to meet customers' specific requirements

- Invariable production quality guaranteed by continuous analytical control
- Systematic advances in development, resulting in enlargement and improvement of the product range

Reliability through problem solving

Research and the development of special preparations for individual solutions to customers' problems are a traditional domain of Riedel-de Haën.

In the areas of organic and inorganic chemicals the Riedel-de Haën production programme concentrates on the following product groups:

- Hydrofluoric acid, fluorides and fluoroborates






- Fluoroboric acid, metal fluoroborate and sulfamate solutions for electroplating in technical applications
- Ultrapure chemicals for the semiconductor industry
- Pharmaceutical chemicals for haemodialysis
- Bromine and iodine compounds and also fluorinated aromatics (depending on the customer's needs, Riedel-de Haën develops individual products from laboratory scale through the pilot-plant stage on up to large-scale industrial production)
- UV absorbers for cosmetics and technology
- Pharmaceutical active principles and adjuvants
- Industrial preservatives, fungicides and wood preservatives
- Luminous pigments, for TV picture tubes, phosphorescent warning and directional signs, safety markings, etc.
- Dyestuffs for photographic purposes and sensitizers
- Laboratory chemicals (synthesis chemicals, analytical reagents, solvents, preparations for chromatography)

Tell us about your problem. Riedel-de Haën will give you the help and advice you need.



Riedel-de Haën

Riedel-de Haën AG, Wunstorfer Straße 40, D-3016 Seelze 1,
Federal Republic of Germany, Tel. 5137/707-1, Telex 921295 rdhs d

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
ABC-Triele see Ammonium hydrogen carbonate							
18707	Acacia (Gum arabic) purified powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX Gomme arabique / Goma arábiga	PF.	1 kg	29,50	25,10	23,60	22,70
		PF.	5 kg	125,50	104,15	97,90	94,15
		S.	25 kg	price on request			
		1302					
Acaricide, agent against red spiders see appendix PESTANAL®							
63193	Acenaphthene PROSYNTH® Acénaphtène / Acenafteno C ₁₀ H ₆ CH ₂ CH ₂ [1,8] C ₁₂ H ₁₀ M = 154,21 g/mol assay (GC) 98% melting range 90–93 °C	PF.	500 g	48,—	40,80	38,40	36,95
		2901					
64200	Acenaphthenequinone PROSYNTH® Acénaphtènequinone / Acenaftenoquinona C ₁₀ H ₆ COCO C ₁₂ H ₆ O ₂ M = 182,18 g/mol assay 98% melting range 257–260 °C	PF.	100 g	113,50	96,50	90,80	85,15
		2913					
64201	Acenaphthylene PROSYNTH® Acénaphtylène / Acenaftileno C ₁₂ H ₈ M = 152,20 g/mol assay (GC) 98% melting range 86–89 °C	WG.	100 g	28,50	24,25	22,80	21,40
		WG.	500 g	117,50	99,90	94,—	90,50
		2901					
39080 A 3/5 C 3.1 1089 1 -38 °C	Acetaldehyde BIOSYNTH® Acétdaldéhyde / Acetaldehido CH ₃ CHO C ₂ H ₄ O M = 44,05 g/mol 1 L ≈ 0,78 kg keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera   R: 12-36/37 S: 9-16-29-33 disposal: 14	FL.	500 ml	16,—	13,60	12,80	12,30
		2911					
60471 A 3/5 C 3.1 1089 1 -20 °C	Acetaldehyde PROSYNTH® Acétdaldéhyde / Acetaldehido CH ₃ CHO C ₂ H ₄ O M = 44,05 g/mol 1 L ≈ 0,78 kg assay (GC) 99,5% boiling range 20,5–21,5 °C water (according to Karl Fischer) 0,02%   R: 12-36/37 S: 9-16-29-33 disposal: 14	FL.	1 L	17,—	14,45	13,60	13,10
		2911					
65172 A 3/1A C 3.1 1088 2 -21 °C	Acetaldehyde diethyl acetal PROSYNTH® Acétdaldéhyde diéthylacétal / Acetaldihido dietilacetal CH ₃ CH(OCH ₂ CH ₃) ₂ C ₆ H ₁₄ O ₂ M = 118,18 g/mol 1 L ≈ 0,83 kg assay (GC) 97% boiling range 101–103 °C refractive index (n _D ²⁰) 1,382  R: 11 S: 9-16-33 disposal: 14	FL.	250 ml	14,50	12,35	11,60	10,90
		2910					
15003	Acetamide pure cryst. Acétamide / Acetamida CH ₃ CONH ₂ C ₂ H ₅ NO M = 59,07 g/mol assay (GC) 99,5% melting range 79–81 °C sulphated ash 0,05% free acid (as CH ₃ COOH) 0,2%	PF.	500 g	25,25	21,45	20,20	19,45
		PF.	2,5 kg	100,50	83,40	78,40	75,40
		2925					

Code Number
A) RHD/ADR
B) GGVE/GGVS
C) MGG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x


96x

(1 Box)

(4 Boxes)

(16 Boxes)

			1 kg	28,50	24,25	22,80	21,95
			50 kg	price on request			
15036	Acetamide <i>Acétamide / Acetamida</i> CH_3CONH_2 $\text{C}_2\text{H}_5\text{NO}$ $M = 59,07$ g/mol assay (GC) 98% melting range 72–74 °C water (according to Karl Fischer) 0,2% free acid (as CH_3COOH) 1%	PF. FTP. 2925					
64203	Acetamidinium acetate PROSYNTH® <i>Acétamidine acétate / Acetamidinio acetato</i> $\text{CH}_3\text{C}(=\text{NH})\text{NH}_2 \cdot \text{CH}_3\text{COOH}$ $\text{C}_4\text{H}_{10}\text{N}_2\text{O}_2$ $M = 118,14$ g/mol assay 98% melting range 189–191 °C	WG. 2926	10 g	56,—	47,60	44,80	42,—
62000	Acetamidinium chloride PROSYNTH® <i>Acétamidine chlorure / Acetamidinio cloruro</i> $\text{CH}_3\text{C}(=\text{NH})\text{NH}_2 \cdot \text{HCl}$ $\text{C}_2\text{H}_7\text{ClN}_2$ $M = 94,54$ g/mol assay (ex Cl) 99% melting range 165–170 °C	WG. 2926	100 g	17,75	15,10	14,20	13,30
62001	2-Acetamidoacrylic acid PROSYNTH® <i>Acide 2-acétamidoacrylique / Acido 2-acetamidoacrílico</i> $\text{CH}_2=\text{C}(\text{NHCOCH}_3)\text{COOH}$ $\text{C}_5\text{H}_7\text{NO}_3$ $M = 129,12$ g/mol assay (alkalimetric) 99% melting range 194–196 °C (disint.)	WG. 2925	10 g	76,50	65,05	61,20	57,40
62002	4-Acetamidobenzaldehyde PROSYNTH® <i>4-Acétamidobenzaldéhyde / 4-Acetamidobenzaldehído</i> $\text{CH}_3\text{CONHC}_6\text{H}_4\text{CHO}$ $\text{C}_9\text{H}_9\text{NO}_2$ $M = 163,18$ g/mol assay (ex N) 99% melting range 152–156 °C	PF. 2925	100 g	99,50	84,60	79,60	74,65
63194	3-Acetamidobenzoic acid PROSYNTH® <i>Acide 3-acétamidobenzoïque / Acido 3-acetamidobenzóico</i> $\text{CH}_3\text{CONHC}_6\text{H}_4\text{COOH}$ $\text{C}_9\text{H}_9\text{NO}_3$ $M = 179,18$ g/mol assay (alkalimetric) 98% melting range 249–251 °C	WG. 2925	100 g	72,—	61,20	57,60	54,—
64252	4-Acetamido-benzoylsulphochloride PROSYNTH® <i>4-Acétamido-benzoylsulfochlorure / 4-Acetamido-benzoylsulfocloruro</i> $\text{CH}_3\text{CONHC}_6\text{H}_4\text{SO}_2\text{Cl}$ $\text{C}_8\text{H}_7\text{ClNO}_3\text{S}$ $M = 233,67$ g/mol assay (ex Cl) 98% keep cool à stocker au frais conservese frio	WG. 2936	250 g	28,50	24,25	22,80	21,40
39282	α-Acetamidocinnamic acid dihydrate BIOSYNTH® <i>Acide α-acétamido cinnamique dihydrate / Acido α-acetamido cinámico dihidrato</i> $\text{C}_6\text{H}_5\text{CH}=\text{C}(\text{NHCOCH}_3)\text{COOH} \cdot 2\text{H}_2\text{O}$ $\text{C}_{11}\text{H}_{11}\text{NO}_3 \cdot 2\text{H}_2\text{O}$ $M = 241,24$ g/mol	WG. 2923	10 g	36,—	30,60	28,80	27,—
60412	2-Acetamidoethanol PROSYNTH® <i>2-Acétamidoéthanol / 2-Acetamidoetanol</i> $\text{CH}_3\text{CONHCH}_2\text{CH}_2\text{OH}$ $\text{C}_4\text{H}_9\text{NO}_2$ $M = 103,12$ g/mol 1 L ≈ 1,12 kg	FL. FL. 2925	250 ml 1 L	86,50 287,—	73,55 243,95	69,20 229,60	64,90 221,—

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
63195	2-Acetamidofluorene PROSYNTH® A 6.1/21 2-Acétamidofluorène / 2-Acetamidofluoreno C 6.1 2811 2 <chem>C6H4CH2C6H3NHCOCH3</chem> <chem>C15H13NO</chem> M = 223,27 g/mol assay (HPLC) 99% melting range 192–194 °C	WG. 2925	10 g	65,50	55,70	52,40	49,15
64253	N-(2-Acetamido)-iminodiacetic acid PROSYNTH® Acide iminodiacétique-N-(2-acétamido) / Acido iminodiacético-N-(2-acetamido) <chem>NH2COCH2N(CH2COOH)2</chem> <chem>C6H10N2O5</chem> M = 190,16 g/mol assay 98% melting range 210–220 °C (disint.) DL-2-Acetamido-4-methylmercaptobutyric acid see N-Acetyl-DL-methionine	WG. 2923	5 g	22,75	19,35	18,20	17,05
63196	2-Acetamido-5-nitrothiazole PROSYNTH® 2-Acétamido-5-nitrothiazole / 2-Acetamido-5-nitrotiazol <chem>SC(NO2)=CHN=CNHCOCH3</chem> <chem>C5H5N3O3S</chem> M = 187,18 g/mol assay (ex N) 95%	WG. 2935	100 g	43,75	37,20	35,—	32,80
64254	3-Acetamidophenol PROSYNTH® 3-Acétamidophénol / 3-Acetamidofenol <chem>CH3CONHC6H4OH</chem> <chem>C8H9NO2</chem> M = 151,16 g/mol assay (HPLC) 98% melting range 146–148 °C	WG. 2923	100 g	19,75	16,80	15,80	14,80
64263	4-Acetamidophenol PROSYNTH® 4-Acétamidophénol / 4-Acetamidofenol <chem>CH3CONHC6H4OH</chem> <chem>C8H9NO2</chem> M = 151,16 g/mol assay (HPLC) 99% melting range 168–170 °C 4-Acetamidophenol see 4-Hydroxyacetanilide	WG. 2923	100 g	14,75	12,55	11,80	11,05
63197	4-Acetamidothiophenol PROSYNTH® 4-Acétamidothiophénol / 4-Acetamidotiofenol <chem>CH3CONHC6H4SH</chem> <chem>C8H9NOS</chem> M = 167,23 g/mol assay (iodometric) 98% melting range 153–156 °C Acetamino... see Acetamido... Acetaminophen see 4-Hydroxyacetanilide p-Acetaminophenylbenzoate see 4-Hydroxyacetanilide 2-p-Acetaminophenyl benzoate see 4-Hydroxyacetanilide	WG. 2931	5 g	46,—	39,10	36,80	34,50
15004	Acetanilide DAB 6 Acétanilide / Acetanilida <chem>CH3CONHC6H5</chem> <chem>C8H9NO</chem> M = 135,17 g/mol  R: 20/21/22 S: 28 disposal: 19 Acetate-buffer solution see Buffer solutions ready-for-use	PF. PF. FTP. 2925	500 g 1 kg 50 kg	23,25 39,75 price on request	19,75 33,80	18,60 31,80	17,90 30,60

Code Number
A) ADR
B) GGVV/GGVTS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

33209 Acetic acid (glacial) min. 99,7% R. G., Reag. ACS, Reag. ISO,
A 8/21C Reag Ph. Eur. I, indifference to chromic acid
C 3.3 1842 2 *Acide acétique / Acido acético*
+40°C

CH₃COOH 1 L ≈ 1,05 kg
C₂H₄O₂ M = 60,05 g/mol
assay min. 99,8%
congealing point min. 16,3 °C
non-volatile matter max. 0,001 %
arsenic (As) max. 0,0001 %
lead (Pb) max. 0,00001 %
cadmium (Cd) max. 0,00002 %
iron (Fe) max. 0,00001 %
copper (Cu) max. 0,00001 %
zinc (Zn) max. 0,00005 %
heavy metals (as Pb) max. 0,0002 %
acetaldehyde max. 0,0001 %
chloride (Cl) max. 0,0001 %
sulphate (SO₄) max. 0,002 %
matters reducing KMnO₄ (as HCOOH) max. 0,002 %
indifference to chromic acid passes test



R: 10-35 S: 2-23-26
disposal: 21

17926 Acetic acid (glacial) 99—100%, MOS PURANAL® particle
A 8/21C class 0
C 3.3 1842 2 *Acide acétique / Acido acético*
+40°C

CH₃COOH 1 L ≈ 1,05 kg
C₂H₄O₂ M = 60,05 g/mol
assay min. 99,8%
congealing point min. 16,2 °C
non-volatile matter max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 1 ppm
phosphate (PO₄) max. 1 ppm
sulphate (SO₄) max. 1 ppm
matters reducing KMnO₄ (as HCOOH) max. 20 ppm
acetaldehyde (GC) max. 2 ppm
acetic anhydride (GC) max. 100 ppm






R: 10-35 S: 2-23-26
disposal: 21

FL.
FL.
FPN.
FPN.
2914

	1x	6x	24x	96x
	(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
1 L	22,—	18,70	17,15	16,30
2,5 L	45,75	37,95	35,70	34,30
60 kg	kg	7,—		
5x	kg	6,50		

FL.
2914

2,5 L price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
17866	Acetic acid (glacial) 99—100%, PURANAL®	FL.	2,5 L	price on request			
A 8/21C	Acide acétique / Acido acético	FPN.	60 kg	price on request			
C 3.3 1842 2	CH ₃ COOH	2914					
+40°C	C ₂ H ₄ O ₂ M = 60,05 g/mol 1 L ≈ 1,05 kg						
	assay min. 99,8%						
	congealing point min. 16,2 °C						
	non-volatile matter max. 5 ppm						
	aluminium (Al) max. 0,05 ppm						
	antimony (Sb) max. 0,01 ppm						
	arsenic (As) max. 0,01 ppm						
	barium (Ba) max. 0,1 ppm						
	beryllium (Be) max. 0,01 ppm						
	lead (Pb) max. 0,02 ppm						
	boron (B) max. 0,02 ppm						
	cadmium (Cd) max. 0,01 ppm						
	calcium (Ca) max. 0,2 ppm						
	chromium (Cr) max. 0,01 ppm						
	iron (Fe) max. 0,1 ppm						
	gallium (Ga) max. 0,02 ppm						
	gold (Au) max. 0,02 ppm						
	indium (In) max. 0,02 ppm						
	potassium (K) max. 0,1 ppm						
	cobalt (Co) max. 0,01 ppm						
	copper (Cu) max. 0,01 ppm						
	lithium (Li) max. 0,02 ppm						
	magnesium (Mg) max. 0,1 ppm						
	manganese (Mn) max. 0,01 ppm						
	molybdenum (Mo) max. 0,01 ppm						
	sodium (Na) max. 0,2 ppm						
	nickel (Ni) max. 0,01 ppm						
	platinum (Pt) max. 0,02 ppm						
	silver (Ag) max. 0,02 ppm						
	strontium (Sr) max. 0,02 ppm						
	thallium (Tl) max. 0,02 ppm						
	titanium (Ti) max. 0,01 ppm						
	vanadium (V) max. 0,01 ppm						
	bismuth (Bi) max. 0,02 ppm						
	zinc (Zn) max. 0,05 ppm						
	tin (Sn) max. 0,02 ppm						
	zirconium (Zr) max. 0,01 ppm						
	chloride (Cl) max. 1 ppm						
	phosphate (PO ₄) max. 1 ppm						
	sulphate (SO ₄) max. 1 ppm						
	matters reducing KMnO ₄ (as HCOOH) max. 20 ppm						
	acetaldehyde (GC) max. 2 ppm						
	acetic anhydride (GC) max. 100 ppm						
	 R: 10-35 S: 2-23-26 disposal: 21						
27221	Acetic acid (glacial) 99—100% chem. pure	FL.	1 L	16,25	13,80	13,—	12,50
A 8/21C	Acide acétique / Acido acético	FL.	2,5 L	34,50	28,65	26,90	25,90
C 3.3 1842 2	CH ₃ COOH	FPN.	60 kg	kg	3,50		
+40°C	C ₂ H ₄ O ₂ M = 60,05 g/mol 1 L ≈ 1,05 kg	FPN.	5x	kg	3,25		
	 R: 10-35 S: 2-23-26 disposal: 21	2914					
27279	Acetic acid (glacial) 99—100% chem. pure DAB 8, indifferent to chromic acid	FL.	1 L	18,—	15,30	14,05	13,30
A 8/21C	Acide acétique / Acido acético	FL.	2,5 L	38,50	31,95	30,05	28,90
C 3.3 1842 2	CH ₃ COOH	2914					
+40°C	C ₂ H ₄ O ₂ M = 60,05 g/mol 1 L ≈ 1,05 kg						
	 R: 10-35 S: 2-23-26 disposal: 21						

Code Number
A) RD/ADR
B) GGVE/GGVs
C) IMDG-CODE (GGVSeel)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

27225 Acetic acid (glacial) min. 99,5% chem. pure DAB 8,
U. S. P. XIX

A 8/21C
C 3.3 1842 2
+40°C

CH₃COOH
C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,05 kg
assay 99,7%
non-volatile matter 0,003%
arsenic (As) 0,0002%
iron (Fe) 0,0002%
heavy metals (as Pb) 0,0002%
chloride (Cl) 0,0005%
sulphate (SO₄) 0,0005%
KMnO₄ red. matter (as HCOOH) 0,01%



R: 10-35 S: 2-23-26
disposal: 21

FL.	1 L	17,50	14,90	13,65	12,95
FL.	2,5 L	37,—	30,70	28,85	27,75
FPN.	60 kg	kg	4,30		
FPN.	5x	kg	4,—		
FPN.	10x	kg	3,75		

2914

27222 Acetic acid (glacial) 99—100% technical
Acide acétique / Acido acético

A 8/21C
C 3.3 1842 2
+40°C

CH₃COOH
C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,05 kg



R: 10-35 S: 2-23-26
disposal: 21

FL.	2,5 L	21,50	17,85	16,75	16,15
FPN.	60 kg	kg	3,20		
FPN.	5x	kg	2,80		

2914

33208 Acetic acid (glacial) 96% R. G.
Acide acétique / Acido acético

A 8/21C
C 3.3 1842 2
+40°C

CH₃COOH
C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,06 kg
assay min. 96%
non-volatile matter max. 0,001%
arsenic (As) max. 0,0001%
lead (Pb) max. 0,00001%
cadmium (Cd) max. 0,00001%
iron (Fe) max. 0,00002%
copper (Cu) max. 0,00001%
zinc (Zn) max. 0,00001%
acetaldehyde (CH₃CHO) max. 0,0002%
chloride (Cl) max. 0,0001%
sulphate (SO₄) max. 0,0001%
matters reducing KMnO₄ (as HCOOH) max. 0,002%



R: 10-35 S: 2-23-26
disposal: 21

FL.	1 L	22,—	18,70	17,15	16,30
FL.	2,5 L	45,75	37,95	35,70	34,30
FPN.	60 kg	kg	7,—		
FPN.	5x	kg	6,50		

2914

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

17834 Acetic acid (glacial) 96% PURANAL®
A 8/21C *Acide acétique / Acido acético*
C 3.3 1842 2 CH₃COOH
+40°C C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,06 kg
assay min. 96%
non-volatile matter max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 1 ppm
phosphate (PO₄) max. 1 ppm
sulphate (SO₄) max. 1 ppm
matters reducing KMnO₄ (as O) max. 20 ppm
acetaldehyde (GC) max. 2 ppm
acetic anhydride (GC) max. 100 ppm



R: 10-35 S: 2-23-26
disposal: 21

27264 Acetic acid technical 90%
A 8/21C *Acide acétique / Acido acético*
C 3.3 1842 2 CH₃COOH
+42°C C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,06 kg



R: 10-35 S: 2-23-26
disposal: 21

27218 Acetic acid 80% chem. pure
A 8/21C *Acide acétique / Acido acético*
C 3.3 1842 2 CH₃COOH
+42°C C₂H₄O₂ M = 60,05 g/mol 1 L ≈ 1,07 kg



R: 10-35 S: 2-23-26
disposal: 21

34051 Acetic acid 1% for the leucocytes count
Acide acétique / Acido acético
1 L ≈ 1,00 kg

38050 0,1 mol Acetic acid FIXANAL® 6,005 g CH₃COOH for 1 L 0,1 N solution
0,1 mol Acide acétique / 0,1 mol Acido acético

ampoule



R: 36/38 S: 2-26
disposal: 21

FL. 2,5 L price on request
2914

FL. 2,5 L 22,— 18,25 17,15 16,50
FPN. 60 kg kg 3,20
FPN. 5x kg 2,90
2914

FL. 1 L 13,75 11,70 10,75 10,20
FL. 2,5 L 28,50 23,65 22,25 21,40
FPN. 60 kg kg 3,25
FPN. 5x kg 2,80
2914

PF. 100 ml 10,— 8,50 8,— 7,50
3005

3819 1 pack 8,75 7,45 7,— 6,55

Code Number
A) Riedel
B) GGVE/GGVS
C) IMOG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

38051 1 mol Acetic acid FIXANAL® 60,053 g CH₃COOH for 1 L 1 N
solution
A 8/21C 1 mol Acide acétique / 1 mol Acido acético
C 3.3 1842 2 bottle
+40°C



R: 10-35 S: 2-23-26
disposal: 21

09012 Acetic acid-d₁ deuteration degree not less than 99 atom % D
Acide acétique-d₁ / Acido acético-d₁
A 8/21C CH₃COOD
C 3.3 1842 2 1 L ≈ 1,05 kg
+40°C C₂H₃DO₂ M = 61,04 g/mol



R: 10-35 S: 2-23-26
disposal: 21

09013 Acetic acid-d₄ deuteration degree not less than 99 atom % D
Acide acétique-d₄ / Acido acético-d₄
A 8/21C CD₃COOD
C 3.3 1842 2 1 L ≈ 1,12 kg
+40°C C₂D₄O₂ M = 64,02 g/mol



R: 10-35 S: 2-23-26
disposal: 21

Acetic acid-(4-formylanilide) see 4-Acetamidobenzaldehyde

Acetic acid-gentian violet see Türk's solution

Acetic acid-(4-mercaptoanilide) see 4-Acetamidothiophenol

33214 Acetic anhydride R. G., Reag. ACS, Reag. Ph. Eur. I
Anhydride acétique / Anhídrido acético
A 8/21E (CH₃CO)₂O
C 8 1715 2 1 L ≈ 1,08 kg
+54°C C₄H₆O₃ M = 102,09 g/mol

assay min. 98%
boiling range 136–138 °C
density (D₄²⁰) 1,079–1,082
non-volatile matter max. 0,003%
iron (Fe) max. 0,0002%
heavy metals (as Pb) max. 0,0002%
chloride (Cl) max. 0,0002%
phosphate (PO₄) max. 0,001%
sulphate (SO₄) max. 0,0005%
KMnO₄ reducing substances
(as O) max. 0,01%



R: 10-34 S: 26
disposal: 21

27209 Acetic anhydride pure
Anhydride acétique / Anhídrido acético
A 8/21E (CH₃CO)₂O
C 8 1715 2 1 L ≈ 1,08 kg
+54°C C₄H₆O₃ M = 102,09 g/mol

assay 98%
boiling range 136–138 °C
density (D₄²⁰) 1,079–1,082
iron (Fe) 0,0005%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
sulphate (SO₄) 0,001%



R: 10-34 S: 26
disposal: 21


09050 Acetic anhydride-d₆ deuteration degree not less than 98
atom % D
A 8/21E Anhydride acétique-d₆ / Anhídrido acético-d₆
C 8 1715 2 (CD₃CO)₂O
C₄D₆O₃ M = 108,04 g/mol
1 L ≈ 1,15 kg



R: 10-34 S: 26
disposal: 21

Acetin (tri) see Glycerol triacetate

	1 pack	11,25	9,55	9,—	8,45
3819					
FL. 2851	25 ml	53,50	45,50	42,80	40,15
A. 2851	10 ml	76,—	64,60	60,80	57,—
FL. 2914	500 ml	10,75	9,15	8,60	8,30
FL. 2914	1 L	18,—	15,30	14,40	13,85
FL. 2914	2,5 L	37,75	31,35	29,45	28,30
STP. 2914	60 kg	kg	5,80		
STP. 2914	5x	kg	5,30		
FL. 2914	1 L	15,75	13,40	12,60	12,15
FL. 2914	2,5 L	31,75	26,35	24,75	23,80
STP. 2914	60 kg	kg	4,80		
STP. 2914	5x	kg	4,35		
FL. 2851	5 ml	166,—	141,10	132,80	124,50

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
63589	Acetoacetaldehyde-1-dimethylacetal PROSYNTH®	FL.	100 ml	50,—	42,50	40,—	37,50
A 3/4	<i>Acétoacétaldéhyde-1-diméthylacétal / Acetoacetaldehido-</i>	2911					
C 3.3 1993 2	<i>1-dimetilacetal</i>						
+61 °C	CH ₃ COCH ₂ CH(OCH ₃) ₂						
	C ₆ H ₁₂ O ₃ M = 132,16 g/mol						1 L ≈ 0,99 kg
	assay (GC)						95%
	refractive index (n _D ²⁰)						1,414
	R: 10 disposal: 14						
62004	Acetoacetanilide PROSYNTH®	PF.	1 kg	54,50	46,35	43,60	41,95
	<i>Acétoacétanilide / Acetoacetanilida</i>	2925					
	CH ₃ COCH ₂ CONHC ₆ H ₅						
	C ₁₀ H ₁₁ NO ₂ M = 177,20 g/mol						
	assay (ex N)						98%
	melting range						83—85 °C
62005	α-Acetobromoglucose PROSYNTH®, stabilized with 2% calcium carbonate	WG.	100 g	156,—	132,60	124,80	117,—
	<i>α-Acétobromoglucose / α-Acetobromoglucosa</i>	2943					
	CH ₃ COOCH ₂ CH(CHOCOCH ₃) ₃ CHBrO						
	C ₁₄ H ₁₉ BrO ₉ M = 411,21 g/mol						
	melting range						87—89 °C
	spec. rotation ([α] _D ²⁰ , c=2 in CHCl ₃)						+196° ± 2°
	keep in a deep freezer (-18 °C)						
	à stocker au congélateur (à -18 °C)						
	almacenaje en la nevera (-18 °C)						
	Acetoin see 3-Hydroxybutanone-(2)						
	Acetonaphthone see 2-Acetylnaphthalene						
	Acetonaphthone-(2) see 2-Acetylnaphthalene						
32201	Acetone R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	FL.	1 L	16,—	13,60	12,50	11,85
A 3/5	<i>Acétone / Acetona</i>	FL.	2,5 L	33,—	27,40	25,75	24,75
C 3.1 1090 2	CH ₃ COCH ₃	EKL.	20 kg	kg	6,70		
-19 °C	C ₃ H ₆ O M = 58,08 g/mol	EKL.	5x	kg	6,20		
	assay (GC)	EKL.	12x	kg	5,95		
	boiling range	2913					
	density (D ₄ ²⁰)						0,790—0,792
	non-volatile matter						max. 0,001 %
	water (according to Karl Fischer)						max. 0,2 %
	free acid (as CH ₃ COOH)						max. 0,002 %
	free alkali (as NH ₃)						max. 0,0008 %
	aluminium (Al)						max. 0,00005 %
	barium (Ba)						max. 0,00001 %
	lead (Pb)						max. 0,000002 %
	boron (B)						max. 0,000002 %
	cadmium (Cd)						max. 0,000005 %
	calcium (Ca)						max. 0,00005 %
	chromium (Cr)						max. 0,000002 %
	iron (Fe)						max. 0,00001 %
	cobalt (Co)						max. 0,000001 %
	copper (Cu)						max. 0,000002 %
	magnesium (Mg)						max. 0,00001 %
	manganese (Mn)						max. 0,000001 %
	nickel (Ni)						max. 0,000002 %
	zinc (Zn)						max. 0,000005 %
	tin (Sn)						max. 0,00001 %
	KMnO ₄ red. matters (as O)						max. 0,0002 %
	aldehydes (as HCHO)						max. 0,001 %
	ethanol						max. 0,01 %
	methanol						max. 0,05 %
	propanol-(2)						max. 0,05 %
	 R: 11 S: 9-16-23-33						disposal: 5

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) MDG CODE (GGVSee).

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

34850 Acetone CHROMASOLV® for chromatography (UV-detection)

A 3/5 Acétone / Acetona

C 3.1 1090 2 CH₃COCH₃ 1 L ≈ 0,79 kg
-19°C C₃H₆O M = 58,08 g/mol
assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,1%
free acid (as CH₃COOH) max. 0,002%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm)
min. 15%/330, min. 50%/335,
min. 80%/340, min. 98%/from 350



R: 11 S: 9-16-23-33
disposal: 5

FL.	1 L	19,—	16,15	15,20	14,65
FL.	2,5 L	39,—	32,35	30,40	29,25

34900 Acetone SPECTRANAL®

A 3/5 Acétone / Acetona

C 3.1 1090 2 CH₃COCH₃ 1 L ≈ 0,79 kg
-19°C C₃H₆O M = 58,08 g/mol
assay (GC) 99,8%
non-volatile matter max. 0,0005%
water (acc. to Karl Fischer) max. 0,1%
suitability for UV spectroscopy
transmittance (1 cm cell/reference:water)
transmittance/wavelength (nm): min. 20%/330,
min. 80%/335, min. 85%/340,
min. 95%/345, min. 98%/from 350 suitability for IR
spectroscopy passes test



R: 11 S: 9-16-23-33
disposal: 5

FL.	1 L	37,25	31,65	29,80	28,70
FL.	2,5 L	54,50	45,25	42,50	40,90

34480 Acetone PESTANAL®


A 3/5 Acétone / Acetona

C 3.1 1090 2 CH₃COCH₃ 1 L ≈ 0,79 kg
-19°C C₃H₆O M = 58,08 g/mol
assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,1%
suitability for residue analysis:
Traceable accompanying substances (GC/ECD) (column
0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro-
mosorb® 100/200) show in the retention volum zones
between Pentachlorobenzene, α-HCH, Aldrin and DDT a
peak of < 5 · 10⁻¹⁰% = 5 ng/l.



R: 11 S: 9-16-23-33
disposal: 5

FL.	1 L	16,25	13,80	13,—	12,50
FL.	2,5 L	32,—	26,55	24,95	24,—

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
17921	Acetone MOS PURANAL® particle class 0	FL.	2,5 L	price on request			
A 3/5	Acétone / Acetona	2913					
C 3.1 1090 2	CH ₃ COCH ₃						
-19°C	C ₃ H ₆ O M = 58,08 g/mol						
	1 L ≈ 0,79 kg						
	assay (GC) min. 99,5%						
	boiling range 55,5—56,5 °C						
	density (D ₄ ²⁰) 0,790—0,792						
	non-volatile matter max. 5 ppm						
	water (according to Karl Fischer) max. 2000 ppm						
	free acid (as CH ₃ COOH) max. 20 ppm						
	free alkali (as NH ₃) max. 5						
	aluminium (Al) max. 0,05 ppm						
	antimony (Sb) max. 0,01 ppm						
	arsenic (As) max. 0,01 ppm						
	barium (Ba) max. 0,1 ppm						
	beryllium (Be) max. 0,01 ppm						
	lead (Pb) max. 0,02 ppm						
	boron (B) max. 0,02 ppm						
	cadmium (Cd) max. 0,01 ppm						
	calcium (Ca) max. 0,2 ppm						
	chromium (Cr) max. 0,01 ppm						
	iron (Fe) max. 0,1 ppm						
	gallium (Ga) max. 0,02 ppm						
	gold (Au) max. 0,02 ppm						
	indium (In) max. 0,02 ppm						
	potassium (K) max. 0,1 ppm						
	cobalt (Co) max. 0,01 ppm						
	copper (Cu) max. 0,01 ppm						
	lithium (Li) max. 0,02 ppm						
	magnesium (Mg) max. 0,1 ppm						
	manganese (Mn) max. 0,01 ppm						
	molybdenum (Mo) max. 0,01 ppm						
	sodium (Na) max. 0,2 ppm						
	nickel (Ni) max. 0,01 ppm						
	platinum (Pt) max. 0,02 ppm						
	silver (Ag) max. 0,02 ppm						
	strontium (Sr) max. 0,02 ppm						
	thallium (Tl) max. 0,02 ppm						
	titanium (Ti) max. 0,01 ppm						
	vanadium (V) max. 0,01 ppm						
	bismuth (Bi) max. 0,02 ppm						
	zinc (Zn) max. 0,05 ppm						
	tin (Sn) max. 0,02 ppm						
	zirconium (Zr) max. 0,01 ppm						
	chloride (Cl) max. 0,1 ppm						
	sulphate (SO ₄) max. 1 ppm						
	matters reducing KMnO ₄ (as O) max. 2,5 ppm						
	aldehydes (as HCHO) max. 10 ppm						
	ethanol (GC) max. 100 ppm						
	methanol (GC) max. 500 ppm						
	 R: 11 S: 9-16-23-33 disposal: 5						

Code-Number
A) 1000000
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

17825 Acetone PURANAL® Acétone / Acetona

A 3/5
C 3.1 1080 2
-18 °C

CH₃COCH₃
C₃H₆O M = 58,08 g/mol

1 L ≈ 0,79 kg

assay (GC) min. 99,5%
boiling range 55,5—56,5 °C
density (D₄²⁰) 0,790—0,792
non-volatile matter max. 5 ppm
water (according to Karl Fischer) max. 2000 ppm
free acid (as CH₃COOH) max. 20 ppm
free alkali (as NH₃) max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 0,1 ppm
sulphate (SO₄) max. 1 ppm
matters reducing KMnO₄ (as O) max. 2,5 ppm
aldehyde (as HCHO) max. 10 ppm
ethanol (GC) max. 100 ppm
methanol (GC) max. 500 ppm



R: 11 S: 9-16-23-33
disposal: 5

24201 Acetone chem. pure DAC Acétone / Acetona

A 3/5
C 3.1 1090 2
-18 °C

CH₃COCH₃
C₃H₆O M = 58,08 g/mol

1 L ≈ 0,79 kg

assay (GC) 99,5%
boiling range 55,5—56,5 °C
density (D₄²⁰) 0,790—0,792
non-volatile matter 0,001%
water (according to Karl Fischer) 0,2%
free acid (as CH₃COOH) 0,003%
heavy metals (as Pb) 0,0001%
aldehydes (as HCHO) 0,002%
methanol (GC) 0,05%
red. matters KMnO₄ (as O) 0,0002%



R: 11 S: 9-16-23-33
disposal: 5

09000 Acetone-d₆ deuteration degree not less than 99,5 atom % D Acétone-d₆ / Acetona-d₆

A 3/5
C 3.1 1090 2
-18 °C

CD₃COCD₃
C₃D₆O M = 64,03 g/mol

1 L ≈ 0,88 kg



R: 11 S: 9-16-23-33
disposal: 5

FL.
TS.
2913

2,5 L
15 kg








price on request
price on request

FL.	1 L	15,—	12,75	11,70	11,10
FL.	2,5 L	31,50	26,15	24,55	23,65
EKL.	20 kg	kg	5,—		
EKL.	5x	kg	4,75		
EKL.	12x	kg	4,60		
EKL.	24x	kg	4,45		

2913

A.	10 ml	47,75	40,60	38,20	35,80
FL.	100 ml	363,—	308,55	290,40	272,25

2851

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
09089	Acetone-d₆ deuteration degree not less than 99,8 atom %D A 3/5 <i>Acétone-d₆ / Acetona-d₆</i> C 3.1 1090 2 <chem>CD3COCD3</chem> -19°C <chem>C3D6O</chem> $M = 64,03$ g/mol 1 L \approx 0,88 kg  R: 11 S: 9-16-23-33 disposal: 5	A. FL. 2851	10 ml 100 ml	47,— 393,—	39,95 334,05	37,60 314,40	35,25 294,75
20801	Acetone chloroform Ph. Eur. I, B. P. 1973, Ph. Franç. IX U. S. P. XIX <i>Acétonechloroforme / Acetonchloroformo</i> <chem>CCl3COH(CH3)2 \cdot \frac{1}{2}H2O</chem> <chem>C4H7Cl3O \cdot \frac{1}{2}H2O</chem> $M = 186,47$ g/mol assay 99,5% sulphated ash 0,05% chloride (Cl) 0,0001% Acetonenol acetate see <i>iso</i> -Propenyl acetate	PF. PF. FTP. 2904	1 kg 5 kg 50 kg	59,50 price on request price on request	50,60	47,60	45,80
62008	Acetone oxime PROSYNTH® <i>Acétone oxime / Acetona óxima</i> <chem>(CH3)2C=NOH</chem> <chem>C3H7NO</chem> $M = 73,09$ g/mol assay (ex N) 98% melting range 60–61 °C	WG. 2929	100 g	36,—	30,60	28,80	27,—
09088	Acetonitrile-d₃ deuteration degree not less than 99,8 atom %D A 6.1/2B <i>Acétonitrile-d₃ / Acetonitrilo-d₃</i> C 6.1 1648 2 <chem>CD3CN</chem> +2°C <chem>C2D3N</chem> $M = 44,03$ g/mol 1 L \approx 0,78 kg   R: 11-23/24/25 S: 16-27-44 disposal: 15	A. 2851	10 ml	116,50	99,05	93,20	87,40
34921	Acetonitrile SPECTRANAL® A 6.1/2B <i>Acétonitrile / Acetonitrilo</i> C 6.1 1648 2 <chem>CH3CN</chem> +2°C <chem>C2H3N</chem> $M = 41,05$ g/mol 1 L \approx 0,78 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% free acid (as <chem>CH3COOH</chem>) max. 0,001% water (according to Karl Fischer) max. 0,03% suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wavelength (nm): min. 50%/200, min. 70%/210, min. 80%/220, min. 90%/230, min. 95%/250, min. 97%/280, min. 98%/from 300 suitability for IR spectroscopy passes test   R: 11-23/24/25 S: 16-27-44 disposal: 15	FL. FL. 2927	250 ml 1 L	20,— 66,50	17,— 56,55	16,— 53,20	15,— 51,20
34851	Acetonitrile CHROMASOLV® for chromatography (UV- detection) A 6.1/2B <i>Acétonitrile / Acetonitrilo</i> C 6.1 1648 2 <chem>CH3CN</chem> +2°C <chem>C2H3N</chem> $M = 41,05$ g/mol 1 L \approx 0,78 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,03% free acid (as <chem>CH3COOH</chem>) max. 0,001% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/195, min. 50%/210, min. 80%/220, min. 98%/from 300   R: 11-23/24/25 S: 16-27-44 disposal: 15	FL. 2927	1 L	58,50	49,75	46,80	45,05

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

34481 Acetonitrile PESTANAL® Acétonitrile / Acetonitrilo

A 6.1/2B
C 6.1 1648 2
+2°C

CH₃CN
C₂H₃N M = 41,05 g/mol 1 L ≈ 0,78 kg

assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,05%
suitability for residue analysis:
Traceable accompanying substances (GC/ECD) (column
0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volume zones
between Pentachlorobenzene, α-HCH, Aldrin and DDT a
peak of < 5 · 10⁻¹⁰ % ± 5 ng/l.



R: 11-23/24/25 S: 16-27-44
disposal: 15

FL.
2927

1 L 42,75 36,35 34,20 32,90

60004 Acetonitrile PROSYNTH® Acétonitrile / Acetonitrilo

A 6.1/2B
C 6.1 1648 2
+2°C

CH₃CN
C₂H₃N M = 41,05 g/mol 1 L ≈ 0,78 kg

assay (GC) 99,5%
boiling range 80–82 °C
refractive index (n_D²⁰) 1,344
water (according to Karl Fischer) 0,05%



R: 11-23/24/25 S: 16-27-44
disposal: 15

FL.
KA.
2927

1 L 19,75 16,80 15,80 15,20
60 kg price on request

09005 Acetonitrile-d₃ deuteration degree not less than 99 atom % D Acétonitrile-d₃ / Acetonitrilo-d₃

A 6.1/2B
C 6.1 1648 2
+2°C

CD₃CN
C₂D₃N M = 44,03 g/mol 1 L ≈ 0,78 kg



R: 11-23/24/25 S: 16-27-44
disposal: 15

A.
2851

10 ml 74,50 63,35 59,60 55,90

Acetonylacetone see 2,5-Hexanedione

15007 Acetophenone pure Acétophénone / Acetofenona

105°C

C₆H₅COCH₃
C₈H₈O M = 120,15 g/mol 1 L ≈ 1,03 kg

boiling range 200–202 °C
density (D₄²⁰) 1,028–1,030
refractive index (n_D²⁰) 1,5330–1,5340

FL.
EKL.
F.
2913

1 L 23,— 19,55 18,40 17,70
30 kg price on request
200 kg price on request

Acetotoluide see N-Methylacetanilide

4-Acetoxyacetanilide see O,N-Diacetyl-4-aminophenol

Acetoxy ethanol see Ethylene glycol

3-Acetoxyphenol see Resorcinol monoacetate

33005 Acetylacetone R. G., Reag. Ph. Eur. I Acétylacétone / Acetilacetona

A 3/3
C 3.3 2310 3
+34°C





CH₃COCH₂COCH₃
C₅H₈O₂ M = 100,12 g/mol 1 L ≈ 0,97 kg

assay (GC) min. 99,5%
boiling range 137–140 °C
density (D₄²⁰) 0,975–0,977
refractive index (n_D²⁰) 1,4520–1,4530
non-volatile matter max. 0,005%

R: 10 disposal: 6

FL.
FL.
2913

100 ml 11,— 9,35 8,80 8,25
250 ml 22,— 18,70 17,60 16,50

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
60006	Acetylacetone PROSYNTH® A 3/3 <i>Acétylacétone / Acetilacetona</i> C 3.3 2310 3 +34°C <chem>CH3COCH2COCH3</chem> <chem>C5H8O2</chem> M = 100,12 g/mol 1 L ≈ 0,97 kg assay (GC) 98% boiling range 137–140 °C refractive index (n _D ²⁰) 1,452 R: 10 disposal: 6	FL. 2913	1 L	43,75	37,20	35,—	32,80
4-Acetylaminophenol see 4-Hydroxyacetanilide Acetylanisoles see Methoxyacetophenones Acetylbenzene see Acetophenone							
64360	2-Acetylbenzoic acid PROSYNTH® <i>Acide acétyl-2-benzoïque / Acido 2-acetilbenzóico</i> <chem>C9H8O3</chem> M = 164,16 g/mol assay (alkalimetric) 99,5% boiling range 115–118 °C	WG. 2916	25 g	79,50	67,60	63,60	59,65
62009	Acetyl bromide PROSYNTH® A 8/22 <i>Acétyle bromure / Acetilo bromuro</i> C 8 1716 1 <chem>CH3COBr</chem> <chem>C2H3BrO</chem> M = 122,95 g/mol 1 L ≈ 1,66 kg assay (ex Br) 99% boiling range 75–77 °C   R: 11-14-34 S: 9-16-26 disposal: 21	FL. 2914	100 ml	24,—	20,40	19,20	18,—
63939	2-Acetylbutyrolactone PROSYNTH® A 3/4 <i>2-Acétylbutyrolactone / 2-Acetilbutirolactona</i> +85°C <chem>OCH2CH2CH(COCH3)CO</chem> <chem>C6H8O3</chem> M = 128,13 g/mol 1 L ≈ 1,19 kg assay 97% refractive index (n _D ²⁰) 1,459	FL. 2935	100 ml	19,75	16,80	15,80	14,80
60007	Acetyl chloride PROSYNTH® A 8/22 <i>Acétyle chlorure / Acetilo cloruro</i> C 8 1717 1 +5°C <chem>CH3COCl</chem> <chem>C2H3ClO</chem> M = 78,50 g/mol 1 L ≈ 1,10 kg assay (ex Cl) 99% boiling range 50–52 °C refractive index (n _D ²⁰) 1,389   R: 11-14-34 S: 9-16-26 disposal: 21	FL. FL. STP. 2914	500 ml 1 L 60 kg	13,75 24,75 price on request	11,70 21,05	11,— 19,80	10,60 19,05
39172	Acetylcholine chloride BIOSYNTH® <i>Acétylcholine chlorure / Acetilcolina cloruro</i> <chem>CH3COOCH2CH2N(CH3)3Cl</chem> <chem>C7H16ClNO2</chem> M = 181,66 g/mol assay (ex Cl) 99% melting range 148–150 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2924	100 g	41,50	35,30	33,20	31,15
39194	Acetylcholine iodide BIOSYNTH® <i>Acétylcholine iodure / Acetilcolina yoduro</i> <chem>CH3COOCH2CH2N(CH3)3I</chem> <chem>C7H16INO2</chem> M = 273,11 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2924	10 g	24,75	21,05	19,80	18,55

Code Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

64241	Acetylcholinium bromide PROSYNTH® <i>Acétylcholine bromure / Acetilcolina bromuro</i> $(CH_3)_3N(Br)CH_2CH_2OCOCH_3$ $C_7H_{16}BrNO_2$ $M = 226,11$ g/mol assay (ex Br) 99% melting range 140–143 °C	WG. 2924	50 g	34,50	29,35	27,60	25,90
39046	N-Acetyl-L-cysteine BIOSYNTH® <i>N-Acétyl-L-cystéine / N-Acetil-L-cisteína</i> $HSCH_2CH(NHCOCH_3)COOH$ $C_5H_9NO_3S$ $M = 163,20$ g/mol assay (alkalimetric) 99% melting range 106–108 °C	PF. 2931	100 g	77,50	65,90	62,—	58,15
	Acetylcyclopropane see Cyclopropyl methyl ketone						
	3-Acetyl-2(3H)-4,5 dihydrofurane see Acetylbutyrolactone						
	1-Acetyl-2,6-dihydroxybenzene see 2,6-Dihydroxyacetophenone						
	Acetylenecarboxylic acid see Propiolic acid						
	Acetylene dibromide see 1,2-Dibromoethylene						
62010	Acetylenedicarboxylic acid PROSYNTH® <i>Acide acétylènedicarboxylique / Acido acetilendicarboxílico</i> $HOCOC \equiv CCOOH$ $C_4H_2O_4$ $M = 114,06$ g/mol assay (alkalimetric) 98% melting range 179–181 °C (disint.)	WG. 2915	25 g	49,25	41,85	39,40	36,95
62011	Acetylenedicarboxylic acid monopotassium salt PROSYNTH® <i>Acide acétylènedicarboxylique sel monopotassique / Acido acetilendicarboxílico sal monopotásica</i> $HOCOC \equiv CCOOK$ C_4HKO_4 $M = 152,15$ g/mol assay (alkalimetric) 98% melting range 194–195 °C (disint.)	PF. 2915	100 g	65,50	55,70	52,40	49,15
	Acetylenedicarboxylic dimethylester see Dimethyl acetylenedicarboxylate						
	Acetylene dichloride see 1,2-Dichloroethylene						
	Acetylene tetrabromide see 1,1,2,2-Tetrabromoethane						
	Acetylene tetrachloride see 1,1,2,2-Tetrachloroethane						
63198	Acetylferrocene PROSYNTH® <i>Acétylferrocène / Acetilferroceno</i> $CH_3COCH=CHCH=CHCHFeCHCH=CHCH=CH$ $C_{12}H_{12}FeO$ $M = 228,08$ g/mol assay (UV) 98% melting range 81–83 °C log ϵ_{257} (iso-octane) 3,72	WG. 2934	10 g	56,—	47,60	44,80	42,—
63199	2-Acetylfluorene PROSYNTH® <i>2-Acétylfluorène / 2-Acetilfluoreno</i> $CH_3COCH_2C_{10}H_7$ $C_{15}H_{12}O$ $M = 208,26$ g/mol assay (HPLC) 95%	WG. 2913	10 g	54,50	46,35	43,60	40,90
	Acetylformic acid see Pyruvic acid						
39272	N-Acetyl-D-galactosamine BIOSYNTH® <i>N-Acétyl-D-galactosamine / N-Acetil-D-galactosamina</i> $HOCH_2CH(CHOH)_2CH(NHCOCH_3)CH(OH)_2$ $C_8H_{15}NO_6$ $M = 221,21$ g/mol	2923	1 pack	22,25	18,90	17,80	16,70
	package of 100 mg						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
39122	N-Acetyl-D-glucosamine BIOSYNTH® <i>N-Acétyl-D-glucosamine / N-Acetil-D-glucosamina</i> <chem>HOCH2CH(CHOH)2CH(NHCOCH3)CH(OH)O</chem> <chem>C6H15NO6</chem> $M = 221,21$ g/mol melting range 209–211 °C specific rotation ($[\alpha]_D^{20}$; c=4 in H ₂ O) +40,5° ± 1° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2925	25 g	84,—	71,40	67,20 63,—
64229	N-Acetyl-DL-homocysteine thiolactone PROSYNTH® <i>N-Acétyl-DL-homocystéine thiolactone / N-Acetil-DL-homocisteine tiolactona</i> <chem>SCH2CH2CH(NHCOCH3)CO</chem> <chem>C6H9NO2S</chem> $M = 159,21$ g/mol assay 99% melting range 109–111 °C	WG. 2931	25 g	16,—	13,60	12,80 12,—
39104	1-Acetylimidazole BIOSYNTH® <i>Acétyl-1-imidazole / 1-Acetilimidazol</i> <chem>CH=NCH=CHNCOCH3</chem> <chem>C5H6N2O</chem> $M = 110,12$ g/mol	WG. 2935	10 g	20,50	17,45	16,40 15,40
64222	1-Acetyl-3-indolaldehyde PROSYNTH® <i>1-Acétyl-3-indolaldéhyde / 1-Acetil-3-indolaldehido</i> <chem>C6H4N(COCH3)CH=CHO</chem> <chem>C11H9NO2</chem> $M = 187,20$ g/mol assay (ex N) 97%	WG. 2935	10 g	31,25	26,55	25,— 23,45
64228	3-Acetylindole PROSYNTH® <i>Acétyl-3-indole / 3-Acetilindol</i> <chem>C6H4NHCH=CCOCH3</chem> <chem>C10H9NO</chem> $M = 159,19$ g/mol assay (ex N) 98% melting range 188–190 °C	WG. 2935	5 g	32,—	27,20	25,60 24,—
39242	N-Acetyl-L-leucine BIOSYNTH® <i>N-Acétyl-L-leucine / N-Acetil-L-leucina</i> <chem>(CH3)2CHCH2CH(NHCOCH3)COOH</chem> <chem>C8H15NO3</chem> $M = 173,21$ g/mol	WG. 2923	10 g	24,—	20,40	19,20 18,—
39045	N-Acetyl-DL-methionine BIOSYNTH® <i>N-Acétyl-DL-méthionine / N-Acetil-DL-metionina</i> <chem>CH3SCH2CH2CH(NHCOCH3)COOH</chem> <chem>C7H13NO3S</chem> $M = 191,25$ g/mol melting range 113–115 °C	WG. 2931	100 g	24,—	20,40	19,20 18,—
39190	N-Acetyl-L-methionine BIOSYNTH® <i>N-Acétyl-L-méthionine / N-Acetyl-L-metionina</i> <chem>CH3SCH2CH2CH(NHCOCH3)COOH</chem> <chem>C7H13NO3S</chem> $M = 191,25$ g/mol Acetylmethylcarbinol see 3-Hydroxybutanone-(2)	WG. 2931	5 g	31,75	27,—	25,40 23,80
64217	2-Acetyl-N-methylpyrrole PROSYNTH® <i>2-Acétyl-N-méthylpyrrole / 2-Acetil-N-metilpirrol</i> <chem>CH3NC(OCCH3)=CHCH=CH</chem> <chem>C7H9NO</chem> $M = 123,15$ g/mol 1 L ≈ 1,05 kg assay (GC) 98% boiling range 199–202 °C refractive index (n_D^{20}) 1,542	FL. 2935	5 ml	31,25	26,55	25,— 23,45
62013	4-Acetylmorpholine PROSYNTH® <i>4-Acétylmorpholine / 4-Acetilmorfolina</i> <chem>CH3CONCH2CH2OCH2CH2</chem> <chem>C6H11NO2</chem> $M = 129,16$ g/mol 1 L ≈ 1,12 kg assay (ex N) 98% boiling range (at 3 mbar) 84–87 °C refractive index (n_D^{20}) 1,483	FL. 2935	100 ml	28,50	24,25	22,80 21,40

Code Number
A) RiD/ADR
B) GGVE/GGVS
C) IMB CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

62015 **2-Acetylnaphthalene PROSYNTH®**
2-Acétynaphtalène / 2-Acetilnaftaleno
 $\text{CH}_3\text{COC}_{10}\text{H}_7$
 $\text{C}_{12}\text{H}_{10}\text{O}$ $M = 170,21$ g/mol
assay (GC) 99%
melting range 53-55 °C

39047 **N-Acetylneuramic acid (NANA) BIOSYNTH®**
Acide N-acétylneuramique (NANA) / Acido N-acetilneurámico (NANA)
 $\text{HOCH}_2(\text{CHOH})_2\text{CHCH}(\text{NHCOCH}_3)\text{CH}(\text{OH})\text{CH}_2(\text{OH})(\text{COOH})\text{O}$
 $\text{C}_{11}\text{H}_{19}\text{NO}_8$ $M = 309,27$ g/mol
melting range 184-186° (disint.)
specific rotation $[\alpha]_D^{20}$; $c = 1$ in H_2O -36° ± 1°
package of 100 mg

63200 **3-Acetylphenanthrene PROSYNTH®**
3-Acétylphénanthrène / 3-Acetilfenantreno
 $\text{C}_6\text{H}_4\text{CH}=\text{CHC}_6\text{H}_3\text{COCH}_3$
 $\text{C}_{18}\text{H}_{12}\text{O}$ $M = 220,27$ g/mol
assay (UV) 98%
melting range 69-71 °C
log ϵ_{252} ($\text{C}_2\text{H}_5\text{OH}$) 4,61

62016 **2-Acetylpyridine PROSYNTH®**
2-Acétylpyridine / 2-Acetilpiridina
 $\text{N}=\text{C}(\text{COCH}_3)\text{CH}=\text{CHCH}=\text{CH}$
 $\text{C}_7\text{H}_7\text{NO}$ $M = 121,14$ g/mol $1 \text{ L} \approx 1,07 \text{ kg}$
assay (GC) 98%
boiling range 189-192 °C
refractive index (n_D^{20}) 1,521
R: 10 disposal: 19

62017 **3-Acetylpyridine PROSYNTH®**
3-Acétylpyridine / 3-Acetilpiridina
 $\text{N}=\text{CHC}(\text{COCH}_3)=\text{CHCH}=\text{CH}$
 $\text{C}_7\text{H}_7\text{NO}$ $M = 121,14$ g/mol $1 \text{ L} \approx 1,10 \text{ kg}$
assay (GC) 99%
congealing range 11-13 °C
refractive index (n_D^{20}) 1,534
store in a cool, dark area
stocker à l'abri de la chaleur et de la lumière
almacenaje en lugar frío y protegido contra la luz
R: 10 disposal: 19

62018 **4-Acetylpyridine PROSYNTH®**
4-Acétylpyridine / 4-Acetilpiridina
 $\text{N}=\text{CHCH}=\text{C}(\text{COCH}_3)\text{CH}=\text{CH}$
 $\text{C}_7\text{H}_7\text{NO}$ $M = 121,14$ g/mol $1 \text{ L} \approx 1,10 \text{ kg}$
assay (GC) 98%
congealing range 14-16 °C
refractive index (n_D^{20}) 1,528
store in a cool, dark area
stocker à l'abri de la chaleur et de la lumière
almacenaje en lugar frío y protegido contra la luz
R: 10 disposal: 19

64210 **2-Acetylpyrrole PROSYNTH®**
2-Acétylpyrrole / 2-Acetilpirrol
 $\text{CH}_3\text{COC}=\text{CHCH}=\text{CHNH}$
 $\text{C}_6\text{H}_7\text{NO}$ $M = 109,13$ g/mol
assay 97%
melting range 86-88 °C

PF.
2913

100 g 27,25 23,15 21,80 20,45

2943

1 pack 136,50 116,05 109,20 102,40

WG.
2913

10 g 75,50 64,20 60,40 56,65

FL.
2935

10 ml 25,25 21,45 20,20 18,95

FL.
2935

100 ml 137,50 116,90 110,— 103,15

FL.
2935

100 ml 182,— 154,70 145,60 136,50

WG.
2935

5 g 34,50 29,35 27,60 25,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
20902	Acetylsalicylic acid granulated DT , Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Acide acétylsalicylique / Acido acetilsalicílico</i> <chem>HOCCc1ccccc1OC(=O)C</chem> <chem>C9H8O4</chem> $M = 180,16$ g/mol assay (dried substance) 99,5—100,5%	PF. PF. FTP. 2916	1 kg 5 kg 50 kg	24,— 90,— price on request	20,40 74,70	19,20 70,20	18,50 67,50
20802	Acetylsalicylic acid cryst. 20/38 , Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Acide acétylsalicylique / Acido acetilsalicílico</i> <chem>HOCCc1ccccc1OC(=O)C</chem> <chem>C9H8O4</chem> $M = 180,16$ g/mol assay (dried substance) 99,5—100,5%	PF. PF. FTP. 2916	1 kg 5 kg 50 kg	24,— 90,— price on request	20,40 74,70	19,20 70,20	18,50 67,50
20900	Acetylsalicylic acid cryst. 20/100 , Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Acide acétylsalicylique / Acido acetilsalicílico</i> <chem>HOCCc1ccccc1OC(=O)C</chem> <chem>C9H8O4</chem> $M = 180,16$ g/mol assay (dried substance) 99,5—100,5%	PF. PF. FTP. 2916	1 kg 5 kg 50 kg	24,— 90,— price on request	20,40 74,70	19,20 70,20	18,50 67,50
20901	Acetylsalicylic acid finest powder , Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Acide acétylsalicylique / Acido acetilsalicílico</i> <chem>HOCCc1ccccc1OC(=O)C</chem> <chem>C9H8O4</chem> $M = 180,16$ g/mol assay (dried substance) 99,5—100,5%	PF. PF. FTP. 2916	1 kg 5 kg 50 kg	24,75 95,50 price on request	21,05 79,25	19,80 74,50	19,05 71,65
64436 A 6.1/21 C 8./3	Acetylsalicyloyl chloride PROSYNTH® <i>Acide acétylsalicylique chlorure / Acido acetilsalicílico cloruro</i> <chem>CC(=O)Oc1ccccc1C(=O)Cl</chem> <chem>C9H7ClO3</chem> $M = 198,61$ g/mol assay (ex Cl) 98% melting range 46—49 °C	WG. 2916	25 g	53,50	45,50	42,80	40,15
39195	Acetylthiocholine bromide BIOSYNTH® <i>Acétylthiocholine bromure / Acetilthiocolina bromuro</i> <chem>CC(=O)SCH2CH2N(C)C</chem> <chem>C7H16BrNOS</chem> $M = 242,18$ g/mol	FL. 2931	1 g	53,—	45,05	42,40	39,75
39097	Acetylthiocholinium iodide BIOSYNTH® <i>Acétylthiocholinium iodure / Acetilthiocolinio yoduro</i> <chem>CC(=O)SCH2CH2N(C)C</chem> <chem>C7H16JNOS</chem> $M = 289,18$ g/mol keep in refrigerator à stocker dans le frigidaire kalmacenaje en la neveral*	WG. 2931	5 g	40,50	34,45	32,40	30,40
65159 A 6.1/22 C 3.3 1992 2	2-Acetylthiophen PROSYNTH® <i>2-Acétylthiophène / 2-Acetiltiofeno</i> <chem>CC(=O)S=Cc1ccccc1</chem> <chem>C6H6OS</chem> $M = 126,18$ g/mol $1\text{ L} \approx 1,17\text{ kg}$ assay (GC) 98% boiling range 212—214 °C refractive index (n_D^{20}) 1,566	FL. 2935	100 ml	53,—	45,05	42,40	39,75
	Acetyltributylcitrate see Citroflex A 4						
39048	N-Acetyl-DL-tryptophan BIOSYNTH® <i>N-Acétyl-DL-tryptophane / N-Acetil-DL-triptófano</i> <chem>CC(=O)N[C@@H](Cc1c[nH]cn1)C(=O)O</chem> <chem>C13H14N2O3</chem> $M = 246,27$ g/mol assay (alkalimetric) 99% melting range 205—207 °C	WG. 2935	25 g	31,75	27,—	25,40	23,80

Code-Number
A) Riedel-ADR
B) Riedel-Pharm
C) MDN CODE (GGV-See)

Type of package
B.T.N.

Price per
package DM








1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

Code-Number	Name	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (64 Boxes)
39098	N-Acetyl-L-tyrosine ethyl ester monohydrate BIOSYNTH® <i>Ethyle N-acétyle-L-tyrosinate monohydraté / Etilo N-acetil-L-tirosinato monohidrato</i> $\text{HOC}_6\text{H}_4\text{CH}_2\text{CH}(\text{NHCOCH}_3)\text{COOC}_2\text{H}_5 \cdot \text{H}_2\text{O}$ $\text{C}_{13}\text{H}_{17}\text{NO}_4 \cdot \text{H}_2\text{O}$ $M = 269,30 \text{ g/mol}$ assay (ex N) 98%	WG. 2923	5 g	33,25	28,25	26,60	24,95
63201	Acid green 5 see Light Green SF yellow trans-Aconitic acid PROSYNTH® <i>Acide trans-aconique / Acido trans-acónico</i> $\text{HOOCCH}=\text{C}(\text{COOH})\text{CH}_2\text{COOH}$ $\text{C}_6\text{H}_6\text{O}_6$ $M = 174,11 \text{ g/mol}$ assay (alkalimetric) 99% melting range 189–191 °C (disint.)	WG. 2915	25 g	31,75	27,—	25,40	23,80
64209	cis-Aconitine PROSYNTH® <i>cis-Aconitine / cis-Aconitina</i> $\text{HOOCCH}=\text{C}(\text{COOH})\text{CH}_2\text{COOH}$ $\text{C}_6\text{H}_6\text{O}_6$ $M = 174,11 \text{ g/mol}$ assay (alkalimetric) 99% melting range 124–127 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2915	1 g	63,—	53,55	50,40	47,25
64208 A 6.1/21 C 6.1 2811 2	Acridanone PROSYNTH® <i>Acridanone / Acridanona</i> $\text{C}_8\text{H}_4\text{COC}_6\text{H}_4\text{NH}$ $\text{C}_{13}\text{H}_9\text{NO}$ $M = 195,22 \text{ g/mol}$ assay 98%	WG. 2935	5 g	23,75	20,20	19,—	17,80
62020	Acridine PROSYNTH® <i>Acridine / Acridina</i> $\text{C}_8\text{H}_4\text{CH}=\text{C}_6\text{H}_4=\text{N}$ $\text{C}_{13}\text{H}_9\text{N}$ $M = 179,22 \text{ g/mol}$ assay (HPLC) 98% melting range 107–109 °C	WG. 2935	25 g	101,50	86,30	81,20	76,15
32622	Acridine orange (C. I. No. 46005, S. No. 902) for microscopy <i>Orangé d'acridine / Naranja de acridina</i>	WG. 3205	25 g	40,—	34,—	32,—	30,—
64212	Acridinium chloride PROSYNTH® <i>Acridine chlorhydrate / Acridina clorhidrato</i> $\text{C}_{13}\text{H}_{10}\text{ClN}$ $M = 215,68 \text{ g/mol}$ assay 98%	WG. 2935	5 g	36,75	31,25	29,40	27,55
20920	Acriflavine chloride N. F. X, Ph. Nord. 1963 <i>Acriflavine chlorure / Acriflavina cloruro</i> $2\text{C}_{14}\text{H}_{14}\text{N}_3\text{Cl} \cdot \text{C}_{13}\text{H}_{12}\text{N}_3\text{Cl} \cdot x\text{H}_2\text{O}$ $M = (\text{anhydrous})$ 765,19 g/mol assay (for dry substance, as $\text{C}_{14}\text{H}_{14}\text{N}_3\text{Cl}$) 93% chloride (for dry substance) 13,3–15,8% loss on drying (105 °C, 2 h) 6% sulphated ash 3,5%	PF. 2935	1 kg	377,—			
20921	Acriflavine hydrochloride B. P. C. 1963, N. F. X <i>Acriflavine chlorhydrate / Acriflavina clorhidrato</i> $2\text{C}_{14}\text{H}_{15}\text{N}_3\text{Cl}_2 \cdot \text{C}_{13}\text{H}_{13}\text{N}_3\text{Cl}_2 \cdot x\text{H}_2\text{O}$ $M = (\text{anhydrous})$ 874,57 g/mol assay (for dry substance, as $\text{C}_{14}\text{H}_{15}\text{N}_3\text{Cl}_2$, titration with iron(III) cyanide) 98,5% chloride (for dry substance) 23,0–24,5% loss on drying (105 °C, 1 h) 6,5% sulphated ash 1%	PF. 2935	1 kg	355,—			

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
60008	Acrolein PROSYNTH® stabilized with hydroquinone (2g/l) <i>Acroléine / Acroleína</i>	FL. 2911	500 ml	15,75	13,40	12,60	12,15
A 3/1A							
C 3.1 1092 1	CH ₂ =CHCHO						
-20 °C	C ₃ H ₄ O M = 56,06 g/mol 1 L ≈ 0,84 kg						
	assay (GC) 95%						
	boiling range 51–53 °C						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						
	  R: 11-23-36/37/38 S: 29-33-44 disposal: 14						
64207	Acrolein diethyl acetal PROSYNTH® stabilized with 1% CaO <i>Acroléine diéthylacétal / Acroleína dietilacetal</i>	FL. 2910	25 ml	26,25	22,30	21,—	19,70
A 3/1A							
C 3.2 1988 2	CH ₂ =CHCH(OCH ₂ CH ₃) ₂						
+15 °C	C ₇ H ₁₄ O ₂ M = 130,19 g/mol 1 L ≈ 0,85 kg						
	assay (GC) 95%						
	boiling range 120–125 °C						
	refractive index (n _D ²⁰) 1,398						
	 R: 11 S: 9-16-33 disposal: 6						
62021	Acrylamide PROSYNTH® <i>Acrylamide / Acrilamida</i>	PF. 2925	1 kg	34,—	28,90	27,20	26,20
A 6.1/21							
C 6.1 2074 3	CH ₂ =CHCONH ₂						
	C ₃ H ₅ NO M = 71,08 g/mol						
	assay (ex N) 98%						
	melting range 82–84 °C						
	 R: 23/24/25-33 S: 27-44 disposal: 6						
62023	Acrylic acid PROSYNTH® stabilized with hydroquinone monomethyl ether (50 mg/l) <i>Acide acrylique / Acido acrílico</i>	FL. 2914	1 L	29,50	25,10	23,60	22,70
A 8/21D							
C 8 2218 2	CH ₂ =CHCOOH						
+54 °C	C ₃ H ₄ O ₂ M = 72,06 g/mol 1 L ≈ 1,05 kg						
	assay (alkalimetric) 99%						
	congealing range 12–14 °C						
	 R: 10-34 S: 26-36 disposal: 21						
	Acrylic acid-(2-hydroxy-ethyl)-ester see 2-Hydroxyethyl acrylate						
62022	Acrylonitrile PROSYNTH® <i>Acrylonitrile / Acrilonitrilo</i>	ALU. 2927	1 L	20,25	17,20	16,20	15,60
A 6.1/2A							
C 3.1 1093 1	CH ₂ =CHCN						
-1 °C	C ₃ H ₃ N M = 53,06 g/mol 1 L ≈ 0,80 kg						
	assay (GC) 99%						
	boiling range 76–78 °C						
	refractive index (n _D ²⁵) 1,389						
	  R: 11-23/24/25 S: 9-16-27-29-44 disposal: 15						
	Acryloyl chloride see Acrylic acid chloride						
62027	Adamantane PROSYNTH® <i>Adamantane / Adamantano</i>	WG. 2901	10 g	13,25	11,25	10,60	9,95
	C ₁₀ H ₁₆ M = 136,24 g/mol						
	assay (GC) 98%						
	melting range 266–268 °C						
64202	1-Adamantaneacetic acid PROSYNTH® <i>Acide 1-adamantaneacétique / Acido 1-adamantanoacético</i>	FL. 2914	1 g	19,25	16,35	15,40	14,45
	C ₁₂ H ₁₈ O ₂ M = 194,27 g/mol						
	assay (alkalimetric) 98%						
	melting range 130–133 °C						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)


24x
(4 Boxes)

96x
(16 Boxes)

64216	1-Adamantan ammonium chloride PROSYNTH® <i>Adamantane-1-amine chlorure / 1-Adamantanamonio cloruro</i> <chem>C10H15ClN</chem> $M = 187,71 \text{ g/mol}$ assay (ex Cl) 99% store in a cool, dark area stocker à l'abri de la chaleur et de la lumière almacenaje en lugar frio y protegido contra la luz	WG. 2922	10 g	35,—	29,75	28,—	26,25
64667 A 0.1/21A C 0.1 2811 2	1-Adamantanecarbonitrile PROSYNTH® <i>Adamantanecarbonitrile-1 / 1-Adamantancarbonitrilo</i> <chem>C11H15N</chem> $M = 161,25 \text{ g/mol}$ assay (ex N) 98%	WG. 2927	10 g	110,50	93,95	88,40	82,90
62028	1-Adamantanecarboxylic acid PROSYNTH® <i>Acide 1-adamantanecarboxylique / Acido 1-adamantancarboxílico</i> <chem>C11H16O2</chem> $M = 180,25 \text{ g/mol}$ assay (alkalimetric) 98% melting range 172—174 °C	WG. 2914	10 g	32,75	27,85	26,20	24,55
64547	1-Adamantanol PROSYNTH® <i>Adamantanol-1 / 1-Adamantanol</i> <chem>C10H16O</chem> $M = 152,24 \text{ g/mol}$ assay (GC) 99% melting range 239—242 °C	WG. 2905	10 g	32,75	27,85	26,20	24,55
39475	1-Adamantyl fluoroformate BIOSYNTH® <i>Adamantyle-1-fluoroformate / 1-Adamantilo fluoroformato</i> <chem>FCOOC10H15</chem> <chem>C11H15FO2</chem> $M = 198,24 \text{ g/mol}$	WG. 2914	10 g	42,—	35,70	33,60	31,50
39173	Adenine BIOSYNTH® <i>Adénine / Adenina</i> <chem>C5H5N5</chem> $M = 135,13 \text{ g/mol}$ assay (UV) 99% log ϵ_{262} (HCl 0,1 mol/l) 4,112	WG. 2935	10 g	24,—	20,40	19,20	18,—
Adeninedeoxyriboside see 2'-Deoxyadenosine							
39224	Adenine sulphate BIOSYNTH® <i>Adénine sulfate / Adenina sulfato</i> <chem>C10H12N10O4S</chem> $M = 368,33 \text{ g/mol}$ assay (ex N) 99% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	10 g	56,50	48,05	45,20	42,40
39225	Adenosine BIOSYNTH® <i>Adénosine / Adenosina</i> <chem>C10H13N5O4</chem> $M = 267,24 \text{ g/mol}$ assay (ex N) 99,5% log ϵ_{250} (buffer pH 7,0) 4,183 specific rotation $[\alpha]_D^{20}$; $c = 0,7$ in H_2O $-60,4^\circ \pm 3^\circ$	WG. 2935	10 g	23,25	19,75	18,60	17,45
39273	Adenosine-3',5'-cyclophosphoric acid BIOSYNTH® <i>Acide adénosinecyclophosphorique-3'-5' / Acido adenosín-3',5'-ciclofosfórico</i> <chem>C10H12N5O6P</chem> $M = 329,21 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	23,—	19,55	18,40	17,25
39269	Adenosine-2'-monophosphoric acid BIOSYNTH® <i>Acide adenosín-2-monophosphorique / Acido adenosín-2'-monofosfórico</i> <chem>C10H14N5O7P</chem> $M = 347,22 \text{ g/mol}$	2919	1 pack	34,—	28,90	27,20	25,50

package of 100 mg

package of 250 mg

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
39270	Adenosine-3'-monophosphoric acid BIOSYNTH® <i>Acide adénosin-3-monophosphorique / Acido adenosin-3-monofosfórico</i> package of 250 mg C ₁₀ H ₁₄ N ₅ O ₇ P M = 347,22 g/mol	2919	1 pack	34,—	28,90	27,20 25,50
39185	Adenosine-5'-triphosphoric acid BIOSYNTH® <i>Acide adénosine-5'-triphosphorique / Acido adenosin-5'-trifosfórico</i> C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃ M = 507,18 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	34,—	28,90	27,20 25,50
39208	Adenosine-5'-triphosphoric acid disodium salt BIOSYNTH® <i>Acide adénosine-5'-triphosphorique sel disodique / Acido adenosin-5'-trifosfórico, sal disódica</i> C ₁₀ H ₁₄ N ₅ Na ₂ O ₁₃ P ₃ M = 551,15 g/mol assay (ex P) 98% keep in a deep freezer (—18 °C) à stocker au congélateur (à —18 °C) almacenaje en la nevera (—18 °C) 2-Adenylic acid see Adenosine-2'-monophosphoric acid 3-Adenylic acid see Adenosine-3'-monophosphoric acid	FL. 2935	1 g	8,75	7,45	7,— 6,55
27635	Adipic acid (max. 0,0005% Cl) <i>Acide adipique / Acido adipico</i> HOOC(CH ₂) ₄ COOH C ₆ H ₁₀ O ₄ M = 146,14 g/mol assay 99,8% melting range 151—153 °C sulphated ash 0,01% iron (Fe) 0,0001% chloride (Cl) 0,0003%	PF. PF. S. S. 2915	500 g 2,5 kg 25 kg 5x	10,50 38,25 kg 6,80 kg 6,30	8,95 31,75	8,40 8,10 29,85 28,70
02880	Adipic acid bis-(2,4,6-tribromoanilide) <i>Acide adipique bis-(2-4-6-tribromoanilide) / Acido adipico bis-(2,4,6-tribromoanilida)</i> Br ₃ C ₆ H ₂ NHCO(CH ₂) ₄ CONHC ₆ H ₂ Br ₃ C ₁₈ H ₁₄ Br ₆ N ₂ O ₂ M = 769,74 g/mol assay of bromine 61—63% melting range 309—310 °C (disint.) Adipic acid dichloride see Adipoyl dichloride Adipic acid dinitrile see Adipodinitrile	PF. 2915	1 kg	price on request		
62031 A 6.1/21 C 6.1 1935 1	Adipodinitrile PROSYNTH® <i>Adipodinitrile / Acido adipico dinitrilo</i> NC(CH ₂) ₄ CN C ₆ H ₈ N ₂ M = 108,14 g/mol 1 L ≈ 0,95 kg assay (GC) 99% congealing range 1—2 °C boiling range (at 15 mbar) 160—162 °C refractive index (n _D ²⁰) 1,438  R: 23/24/25 S: 44 disposal: 15	FL. 2927	250 ml	22,—	18,70	17,60 16,50
62030 A 8/22 C 8 1760 2	Adipoyl dichloride PROSYNTH® <i>Adipoyle dichlorure / Acido adipico dicloruro</i> ClCO(CH ₂) ₄ COCl C ₆ H ₈ Cl ₂ O ₂ M = 183,03 g/mol 1 L ≈ 1,26 kg assay (ex Cl) 98% boiling range (at 16 mbar) 124—126 °C density (D ₄ ²⁰) 1,255 refractive index (n _D ²⁰) 1,471	FL. 2915	100 ml	44,—	37,40	35,20 33,—

Code-Number
A) RMO/ADR
B) SSVe/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM


1x
(1 Box)

6x
(6 Boxes)

24x
(4 Boxes)

96x
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (6 Boxes)	24x (4 Boxes)	96x (16 Boxes)
39127	Adonitol(ribitol) BIOSYNTH® <i>Adonitol (ribitol) / Adonita (ribitol)</i> <chem>HOCH2(CHOH)3CH2OH</chem> <chem>C5H12O5</chem> $M = 152,15$ g/mol melting range 102–103 °C	WG. 2904	10 g	109,—	92,65	87,20	81,75
39499	Adrenosterone BIOSYNTH® <i>Adrenostérone / Adrenoesterona</i> <chem>C19H24O3</chem> $M = 300,40$ g/mol Ae... see E...	FL. 2913	1 g	28,25	24,—	22,60	21,20
33007	Agar Agar shreds for bacteriology <i>Agar Agar / Agar Agar</i>	P. P. 1303	250 g 1 kg	70,— 236,—	59,50 200,60	56,— 188,80	52,50 181,70
33008	Agar Agar fine powder for bacteriology <i>Agar Agar / Agar Agar</i>	PF. PF. PF. 1303	100 g 250 g 1 kg	32,50 74,— 247,—	27,65 62,90 209,95	26,— 59,20 197,60	24,40 55,50 190,20
18702	Agar Agar shreds DAB 6 <i>Agar Agar / Agar Agar</i>	P. P. 1303	250 g 1 kg	65,50 220,—	55,70 187,—	52,40 176,—	49,15 169,40
18701	Agar Agar finest powder, DAB 6 <i>Agar Agar / Agar Agar</i>	PF. PF. 1303	250 g 1 kg	65,— 218,—	55,25 185,30	52,— 174,40	48,75 167,85
35874	Alachlor min. 99% PESTANAL® (2-Chloro-2',6'-diethyl-N-[methoxymethyl]-acetanilide) <chem>CH3CH2C(=CHCH=CHC(CH2CH3)=CN(COCH2Cl)CH2OCH3</chem> <chem>C14H20ClNO2</chem> $M = 269,77$ g/mol	FL. 2925	1 g	35,—	29,75	28,—	26,25
39004	D(-)-Alanine BIOSYNTH® <i>D(-)-Alanine / D(-)-Alanina</i> <chem>CH3CH(NH2)COOH</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol assay (ex N) 99% specific rotation $[\alpha]_D^{20}$; c=10 in 6 HCl 6 mol/l) -14,2° ± 0,7°	WG. 2923	5 g	38,75	32,95	31,—	29,05
39003	DL-Alanine BIOSYNTH® <i>DL-Alanine / DL-Alanina</i> <chem>CH3CH(NH2)COOH</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol assay (ex N) 99% melting range 295–296 °C (disint.)	PF. 2923	100 g	14,75	12,55	11,80	11,05
39002	L(+)-Alanine BIOSYNTH® <i>L(+)-Alanine / L(+)-Alanina</i> <chem>CH3CH(NH2)COOH</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol assay (ex N) 99% specific rotation $[\alpha]_D^{20}$; c=10 in HCl 6 mol/l) +14,2° ± 0,7°	WG. 2923	10 g	11,25	9,55	9,—	8,45
39001	β-Alanine BIOSYNTH® <i>β-Alanine / β-Alanina</i> <chem>NH2CH2CH2COOH</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol assay (ex N) 99% melting range 207–209 °C	PF. 2923	250 g	31,25	26,55	25,—	23,45
39286	L-Alanylglycine BIOSYNTH® <i>L-Alanylglycine / L-Alanilglicina</i> <chem>CH3CH(NH2)CONHCH2COOH</chem> <chem>C5H10N2O3</chem> $M = 146,15$ g/mol	FL. 2923	1 g	43,75	37,20	35,—	32,80

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
39404	DL-Alanyl-DL-norvaline BIOSYNTH® <i>DL-Alanyl-DL-norvaline / DL-Alanil-DL-norvalina</i> <chem>CH3CH(NH2)CONHCH(COOH)CH2CH2CH3</chem> <chem>C8H16N2O3</chem> $M = 188,23$ g/mol	WG. 2923	1 g	37,25	31,65	29,80	27,95
39281	Albumin BIOSYNTH® origin: bovine blood <i>Albumine (origine: sang bovin) / Albúmina (de sangre bovina)</i> keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 3502	5 g	39,25	33,35	31,40	29,45
18801	Albumin from eggs Erg. B. 6 <i>Albumine / Albúmina</i> Alcohol see Ethanol Aldehydes (various) see under the name of the Aldehyde	PF. PF. 3502	250 g 1 kg	27,25 91,50	23,15 77,80	21,80 73,20	20,45 70,45
64334	Aldoldimethylacetal PROSYNTH® <i>Aldoldiméthylacétal / Aldoldimetilacetal</i> <chem>CH3CH(OH)CH2CH(OCH3)2</chem> <chem>C6H14O3</chem> $M = 134,17$ g/mol 1 L \approx 0,98 kg	FL. 2910	50 ml	31,—	26,35	24,80	23,25
35700 A 6.1/81B C 6.1 1542 2	Aldrin (HHDN) min. 90% PESTANAL® (1,2,3,4,10,10-Hexachlor-1,4,4a,5,8,8a-hexahydro-1,4-endo-5,8-exodimethanonaphthalene) <i>Aldrine (HHDN) / Aldrina (HHDN)</i> <chem>C12H8Cl6</chem> $M = 364,91$ g/mol  R: 23/24/25 S: 2-13-28-45 disposal: 7	FL. 2902	1 g	21,50	18,30	17,20	16,15
63943	Alginic acid PROSYNTH® <i>Acide alginique / Acido alginico</i> <chem>(C6H8O6)n</chem> $M = (176,13)_n$ g/mol	WG. 3906	250 g	46,50	39,55	37,20	34,90
63944	Alginic acid sodium salt PROSYNTH® <i>Acide alginique sel sodique / Acido alginico sal sódica</i>	WG. 3906	250 g	21,50	18,30	17,20	16,15
32612	Alizarin (C. I. No. 58000, S. No. 1141) R. G. <i>Alizarine / Alizarina</i> <chem>C6H4COC6H2(OH)2CO</chem> <chem>C14H8O4</chem> $M = 240,21$ g/mol	WG. WG. 3205	100 g 500 g	19,— 78,—	16,15 66,30	15,20 62,40	14,25 60,05
32968	Alizarin solution 1% according to Benda for microscopy <i>Alizarine en solution / Alizarina en solución</i> 1 L \approx 1,03 kg	PF. 3819	250 ml	13,25	11,25	10,60	9,95
33010	Alizarin S indicator (C. I. No. 58005, S. No. 1145) <i>Alizarine S / Alizarina S</i> <chem>C14H7NaO7S · H2O</chem> $M = 360,28$ g/mol Alizarin-3-methylamino diacetic acid see 3-Aminomethylalizarin-N,N-diacetic acid-dihydrate Alizarin red S see Alizarin S Alizarinsulphonic acid sodium salt see Alizarin S	WG. WG. 3205	100 g 250 g	21,75 44,—	18,50 37,40	17,40 35,20	16,30 33,—
32601	Alizarin yellow GG indicator (C. I. No. 14025, S. No. 55) <i>Jaune d'alizarine / Amarillo de alizarina</i> <chem>C13H8N3NaO5</chem> $M = 309,21$ g/mol	WG. WG. 3205	5 g 25 g	14,75 56,—	12,55 47,60	11,80 44,80	11,05 42,—
32602	Alizarin yellow R indicator (C. I. No. 14030, S. No. 66) <i>Jaune d'alizarine / Amarillo de alizarina</i> <chem>C13H8N3NaO5</chem> $M = 309,21$ g/mol	WG. 3205	25 g	14,50	12,35	11,60	10,90

Code-Number
A) RID/ADR
B) ECE/UNECE
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

32803 Alkali blue solution according to Benda for microscopy
Bleu alcalin en solution / Azul de álcali en solución
A 3/5 1 L ≈ 0,79 kg
C 3.2 1142 2
+11°C



R: 11 S: 7-16
disposal: 6

32804 Alkali blue solution DIN 51558/559, for testing lubricants
(Neutralization and saponification numbers)
Bleu alcalin en solution / Azul de álcali en solución
A 3/1A 1 L ≈ 0,85 kg
C 3.2 1142 2
-15°C



R: 11-23/24-39 S: 9-16-29
disposal: 13

39807 Alkaterge T for gas chromatography
working temperature to 75°C

63249 Alkylbenzyltrimethylammonium chloride solution 50% in
water PROSYNTH®
Alkylbenzyltriméthylammonium chlorure en solution /
Alcilbencildimetilamonio cloruro en solución
mean molecular weight 367,5 g/mol 1 L ≈ 0,97 kg
assay 50%

63203 Allantoin PROSYNTH®
Allantoïne / Alantoína
NHCONHCOCHNHCONH2
C4H6N4O3 M = 158,12 g/mol
assay (ex N) 98%

63441 Allocymene PROSYNTH®
Allocymène / Alocimeno
(CH₃)₂C=CHCH=CHC(CH₃)=CHCH₃
C10H16 M = 136,24 g/mol 1 L ≈ 0,82 kg
assay 80%
boiling range 188—198 °C
refractive index (n_D²⁰) 1,538
R: 10 disposal: 6

64333 Alloxan tetrahydrate PROSYNTH®
Alloxanne tétrahydraté / Aloxano tetrahidrato
HNCONHCOC(OH)2CO · 4H2O
C4H6N2O5 · 4H2O M = 214,13 g/mol
assay 99%
melting range 254—256 °C (disint.)
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera






63204 Alloxantin dihydrate PROSYNTH®
Alloxantine dihydrate / Aloxantina dihidrato
C6H8N4O8 · 2H2O M = 322,19 g/mol
assay (ex N) 97%






64584 Allyl acetate PROSYNTH®
Allyle acétate / Aliilo acetato
CH3COOCH2CH=CH2
C5H8O2 M = 100,12 g/mol 1 L ≈ 0,92 kg
assay (GC) 97%
boiling range 99—103 °C
refractive index (n_D²⁰) 1,404




R: 11-23/24/25 S: 16-27-44
disposal: 6



Type of package	Price per package DM	1x	6x	24x	96x
B.T.N.		(1 Box)	(4 Boxes)	(16 Boxes)	
FL. 3819	250 ml	13,25	11,25	10,60	9,95
FL. 3819	1 L	25,50	21,70	20,40	19,65
FL. 3819	2,5 L	50,50	41,90	39,40	37,90
WG. 2935	50 g	16,75	14,25	13,40	12,55
FL. 2924	500 ml	45,75	38,90	36,60	35,25
PF. 2925	100 g	30,25	25,70	24,20	22,70
FL. 2901	500 ml	25,—	21,25	20,—	19,25
WG. 2935	10 g	17,—	14,45	13,60	12,75
WG. 2925	10 g	21,—	17,85	16,80	15,75
FL. 2914	500 ml	65,50	55,70	52,40	50,45



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
63945	Allylacetone PROSYNTH®	FL.	100 ml	34,50	29,35	27,60	25,90
A 3/3	<i>Allylacétone / Alilacetona</i>	2913					
C 3.3 1224 2	<chem>CH3COCH2CH2CH=CH2</chem>						
+24°C	<chem>C6H10O</chem> M=98,14 g/mol 1 L ≈ 0,84 kg						
	assay (GC) 99%						
	boiling range 129–132 °C						
	refractive index (n _D ²⁰) 1,420						
	R: 10 disposal: 6						
60020	Allyl alcohol PROSYNTH®	FL.	500 ml	13,25	11,25	10,60	10,20
A 6.1/13A	<i>Alcool allylique / Alcohol alilico</i>	FL.	1 L	23,50	20,—	18,80	18,10
C 3.2 1098 1	<chem>CH2=CHCH2OH</chem>	2904					
+21°C	<chem>C3H6O</chem> M=58,08 g/mol 1 L ≈ 0,85 kg						
	assay (GC) 99%						
	boiling range 95–97 °C						
	refractive index (n _D ²⁰) 1,413						
62056	Allylamine PROSYNTH®	FL.	250 ml	22,25	18,90	17,80	16,70
A 3/5	<i>Allylamine / Alilamina</i>	2922					
C 3.1 2334 1	<chem>CH2=CHCH2NH2</chem>						
-29°C	<chem>C3H7N</chem> M=57,10 g/mol 1 L ≈ 0,76 kg						
	assay (GC) 99%						
	boiling range 52–54 °C						
	refractive index (n _D ²⁰) 1,420						
	  R: 11-23/24/25 S: 9-16-24/25-44 disposal: 19						
62057	Allylbenzene PROSYNTH®	FL.	25 ml	48,—	40,80	38,40	36,—
A 3/3	<i>Allylbenzène / Alilbenceno</i>	2901					
C 3.3 1992 2	<chem>C6H5CH2CH=CH2</chem>						
+50°C	<chem>C9H10</chem> M=118,18 g/mol 1 L ≈ 0,90 kg						
	assay (GC) 98%						
	boiling range 156–158 °C						
	refractive index (n _D ²⁰) 1,512						
	R: 10 disposal: 6						
	Allyl bromide see 3-Bromopropene						
62058	Allyl chloride PROSYNTH®	FL.	500 ml	11,25	9,55	9,—	8,65
A 6.1/4A	<i>Allyle chlorure / Alilo cloruro</i>	2902					
C 3.1 1100 1	<chem>CH2=CHCH2Cl</chem>						
-32°C	<chem>C3H5Cl</chem> M=76,53 g/mol 1 L ≈ 0,93 kg						
	assay (GC) 98%						
	boiling range 43–45 °C						
	refractive index (n _D ²⁰) 1,415						
	  R: 11-26 S: 16-29-33-45 disposal: 7						
64881	Allyl chloroformate PROSYNTH® stabilized with hydroquinone (0,9 g/l)	FL.	25 ml	31,75	27,—	25,40	23,80
A 6.1/61F	<i>Allyle chloroformiate / Alilo cloroformiato</i>	2914					
C 6.1 2810 2	<chem>ClCOOCH2CH=CH2</chem>						
+31°C	<chem>C4H5ClO2</chem> M=120,54 g/mol 1 L ≈ 1,13 kg						
	assay (GC) 97%						
	boiling range (at 15 mbar) 26–28 °C						
	refractive index (n _D ²⁰) 1,423						
	keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera						
	 R: 23/24/25 S: 44 disposal: 7						


62059	Allyl cyanide PROSYNTH® A 6.1/2B <i>Allyle cyanure / Alilo cianuro</i> C 3.2 1992 2 $\text{CH}_2=\text{CHCH}_2\text{CN}$ +19°C $\text{C}_4\text{H}_5\text{N}$ $M=67,09$ g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 116–119 °C refractive index (n_D^{20}) 1,406   R: 11-23/24/25 S: 16-27-44 disposal: 15	FL. 2927	250 ml	54,50	46,35	43,60	40
62061	Allylglycid ether PROSYNTH® A 3/3 <i>Ether allylglycidique / Eter alilglicidico</i> C 3.3 2219 3 $\text{CH}_2=\text{CHCH}_2\text{OCH}_2\text{CHCH}_2\text{O}$ +48°C $\text{C}_6\text{H}_{10}\text{O}_2$ $M=114,14$ g/mol 1 L ≈ 0,97 kg assay (GC) 98% boiling range 152–154 °C refractive index (n_D^{20}) 1,434  R: 20 S: 24/25 disposal: 6	FL. 2909	250 ml	37,75	32,10	30,20	28
63205	N-Allyl-N'-(2-hydroxyethyl)thiourea PROSYNTH® <i>N-Allyl-N'-(2-hydroxyéthyl)thiourée / N-Alil-N'-(2-hidroxietyl)tiourea</i> $\text{HOCH}_2\text{CH}_2\text{NHCSNHCH}_2\text{CH}=\text{CH}_2$ $\text{C}_6\text{H}_{12}\text{N}_2\text{OS}$ $M=160,24$ g/mol assay (ex S) 98% melting range 76–78 °C	WG. 2931	100 g	27,75	23,60	22,20	20
64890	Allylmalonic acid PROSYNTH® <i>Acide allylmalonique / Acido alilmalónico</i> $\text{CH}_2=\text{CHCH}_2\text{CH}(\text{COOH})_2$ $\text{C}_6\text{H}_8\text{O}_4$ $M=144,13$ g/mol assay (alkalimetric) 99% melting range 103–104 °C	WG. 2915	10 g	39,25	33,35	31,40	29
63206	Allylmercaptan PROSYNTH® A 3/1A <i>Allylmercaptan / Alilmercaptano</i> C 3.2 1992 2 $\text{CH}_2=\text{CHCH}_2\text{SH}$ -9°C $\text{C}_3\text{H}_6\text{S}$ $M=74,15$ g/mol 1 L ≈ 0,90 kg assay (GC) 95% boiling range 66–68 °C refractive index (n_D^{20}) 1,483  R: 11 S: 9-16-33 disposal: 15	FL. 2931	100 ml	125,—	106,25	100,—	93,7
62749	Allyl methacrylate PROSYNTH® stabilized with hydroquinone A 3/3 (60 mg/l) C 3.3 1992 2 <i>Allyle méthacrylate / Alilo metacrilato</i> +32°C $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}=\text{CH}_2$ $\text{C}_7\text{H}_{10}\text{O}_2$ $M=126,15$ g/mol 1 L ≈ 0,93 kg assay (GC) 99% boiling range 138–140 °C refractive index (n_D^{20}) 1,436  R: 36/37/38 S: 26-28 disposal: 6	FL. 2914	100 ml	12,—	10,20	9,60	9,—

Allyl mustard oil see Allyl iso-thiocyanate

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
2060	Allyl iso-thiocyanate PROSYNTH® 6.1/21D <i>Allyle iso-thiocyanate / Alilo iso-tiocianato</i> 6.1 1545 2 <chem>CH2=CHCH2NCS</chem> +29°C <chem>C4H5NS</chem> <i>M</i> = 99,15 g/mol 1 L ≈ 1,01 kg assay (GC) 98% boiling range 149–151 °C refractive index (<i>n</i> _D ²⁰) 1,530  R: 10-23/25-33 S: 1-13 disposal: 10	FL. 2931	100 ml	13,25	11,25	10,60	9,95
62062	N-Allylthiourea PROSYNTH® A 6.1/82D <i>N-Allylthiourée / N-Aliltiourea</i> C 6.1 1609 3 <chem>CH2=CHCH2NHCSNH2</chem> <chem>C4H8N2S</chem> <i>M</i> = 116,19 g/mol assay (ex N) 98% melting range 71–73 °C	PF. 2931	100 g	19,50	16,60	15,60	14,65
64249	N-Allylurea PROSYNTH® <i>N-Allylurée / N-Alilurea</i> <chem>CH2=CHCH2NHCONH2</chem> <chem>C4H8N2O</chem> <i>M</i> = 100,12 g/mol assay (ex N) 98% melting range 82–85 °C	PF. 2925	50 g	66,50	56,55	53,20	49,90
35817	Alodane min. 99% PESTANAL® (1,2,3,4,7,7-Hexachloro-5,6-bis-chloromethyl-bicyclo-[2,2,1]-hept-2-ne) <chem>C9H6Cl8</chem> <i>M</i> = 397,77 g/mol Alum see Potassium aluminium sulphate Alum, ammonium see Ammonium aluminium sulphate Alum, chrome see Potassium chromium sulphate	FL. 2902	1 g	56,50	48,05	45,20	42,40
11008	Aluminium gritty <i>Aluminium / Aluminio</i> Al <i>M</i> = 26,98 g/mol assay 99% iron (Fe) 0,5% silicium (Si) 0,2%	BL. BL. BL. BLT. 7601	250 g 500 g 1 kg 25 kg	8,25 11,— 19,75 price on request	7,— 9,35 16,80	6,60 8,80 15,80	6,20 8,45 15,20
11009	Aluminium powder <i>Aluminium / Aluminio</i> A 4.2/6A B 4.1/13A Al <i>M</i> = 26,98 g/mol C 4.1 1309 3 assay 91% iron (Fe) 0,5% heavy metals (as Pb) 0,03% soluble in ether 3% R: 10-15 S: 7/8-43 disposal: 24	BL. BL. BLT. 7605	500 g 1 kg 50 kg	19,75 35,50 price on request	16,80 30,20	15,80 28,40	15,20 27,35
11010	Aluminium fine powder <i>Aluminium / Aluminio</i> A 4.2/6A B 4.1/13A Al <i>M</i> = 26,98 g/mol C 4.1 1309 3 assay 94% iron (Fe) 0,5% heavy metals (as Pb) 0,03% soluble in ether 0,3% R: 10-15 S: 7/8-43 disposal: 24	BL. BL. BLT. 7605	250 g 1 kg 25 kg	13,25 37,25 price on request	11,25 31,65	10,60 29,80	9,95 28,70
11003	Aluminium sheet, 0,1 mm <i>Aluminium / Aluminio</i> Al <i>M</i> = 26,98 g/mol assay 99% iron (Fe) 0,2% copper (Cu) 0,02% silicium (Si) 0,2% titanium (Ti) 0,03% zinc (Zn) 0,08%	K. 7603	500 g	30,—	25,50	24,—	23,10


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			1x	6x	24x	96	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
38600 C 8 1726 2	0,100 g Aluminium FIXANAL® water-soluble standard for atom absorption 0,100 g Aluminium / 0,100 g Aluminio	3819	1 pack	10,25	8,70	8,20	7,7
	ampoule						
38550	1,00 g Aluminium FIXANAL® watersoluble standard for atom absorption 1,00 g Aluminium / 1,00 g Aluminio	3819	1 pack	10,25	8,70	8,20	7,7
	ampoule						
38805 C 8 1726 2	10,00 g Aluminium FIXANAL® as Aluminium chloride 10,00 g Aluminium / 10,00 g Aluminio	3819	1 pack	18,75	15,95	15,—	14,0
	ampoule						
	Aluminium acetate basic see Aluminium hydroxide acetate						
62063	Aluminium acetylacetonate PROSYNTH® Aluminium acétylacétonate / Aluminio acetilacetato Al(C ₅ H ₇ O ₂) ₃ C ₁₅ H ₂₁ AlO ₆ M = 324,31 g/mol assay (ex Al) 99,5% melting range 192—195 °C	PF. 2945	100 g	19,—	16,15	15,20	14,2
	Aluminium alloy see Nickel-aluminium alloy						
	Aluminium ammonium sulphate see Ammonium aluminium sulphate						
11013 A 4.3/2B C 4.3 1394 2	Aluminium carbide Aluminium carbure / Aluminio carburo Al ₄ C ₃ M = 143,96 g/mol	BL. BL. BL. 2856	25 g 100 g 250 g	10,— 31,75 72,—	8,50 27,— 61,20	8,— 25,40 57,60	7,5 23,80 54,—
	 R: 15 S: 8-43A disposal: 12						
11019 A 8/12 C 8 1726 2	Aluminium chloride anhydrous sublimed Aluminium chlorure / Aluminio cloruro AlCl ₃ M = 133,34 g/mol assay 98% iron (Fe) 0,05% heavy metals (as Pb) 0,005% sulphate (SO ₄) 0,05%	WG. WG. WG. BLT. 2830	500 g 1 kg 2,5 kg 75 kg	12,— 16,75 34,75 price on request	10,20 14,25 28,85	9,60 13,40 27,10	9,25 12,90 26,05
	 R: 34 S: 7/8-28 disposal: 2						
11016	Aluminium chloride-6-hydrate chem. pure cryst. N. F. XIV, Reag. DAB 8 Aluminium chlorure-6-hydrate / Aluminio cloruro-6-hidrato AlCl ₃ · 6H ₂ O M = 241,43 g/mol assay 99,5% pH (5%, 20 °C) 2,5—3,5 ammonium (NH ₄) 0,01% arsenic (As) 0,0005% calcium (Ca) 0,01% iron (Fe) 0,0005% potassium (K) 0,01% magnesium (Mg) 0,01% sodium (Na) 0,01% heavy metals (as Pb) 0,001% sulphate (SO ₄) 0,01%	PF. PF. PF. S. 2830	500 g 1 kg 2,5 kg 40 kg	10,75 19,— 40,25 price on request	9,15 16,15 33,40	8,60 15,20 31,40	8,30 14,65 30,20
11018 C 8 1726 2	Aluminium chloride solution about 28% AlCl ₃ Aluminium chlorure en solution / Aluminio cloruro en solución AlCl ₃ M = 133,34 g/mol 1 L ≈ 1,26 kg assay (AlCl ₃) 26,5—28,5% arsenic (As) 0,001% iron (Fe) 0,005% heavy metals (as Pb) 0,002%	PF. FPF. 2830	1 L 70 kg	10,75 price on request	9,15	8,60	8,30


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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
17915 C 8 1760 2	Aluminium etching solution PURANAL® <i>Solution d'attaque d'aluminium /</i> <i>Solución cáustica de aluminio</i> analytical data on request  R: 34 S: 26 disposal: 27	FL. 3813	2,5 L	price on request			
01102 C 6.1*1690 3	Aluminium fluoride calcined technical <i>Aluminium fluorure / Aluminio fluoruro</i> AlF ₃ M = 83,98 g/mol assay of aluminium (Al) 33% assay of fluorine (F) 61%	PF. S. 2829	1 kg 25 kg	19,—	16,15	15,20	14,65
			price on request				
01101 C 6.1*1690 3	Aluminium fluoride-3-hydrate pure <i>Aluminium fluorure-3-hydrate / Aluminio fluoruro-3-hidrato</i> AlF ₃ · 3H ₂ O M = 138,02 g/mol assay 99% iron (Fe) 0,01% sulphate (SO ₄) 0,01%	PF. PF. S. 2829	1 kg 2,5 kg 50 kg	19,75 41,75	16,80 34,65	15,80 32,55	15,20 31,30
			price on request				
01221 C 6.1 2811 3	Aluminium fluoride-3-hydrate for glass industry <i>Aluminium fluorure-3-hydrate / Aluminio fluoruro-3-hidrato</i> AlF ₃ · 3H ₂ O M = 138,02 g/mol assay of Al ₂ O ₃ 35,0—37,5% assay of F 39,5—40,5% loss on ignition (500 °C, 2 h) 38,5—40,0% iron (as Fe ₂ O ₃) 0,004%	PF. FTP. 2829	1 kg 50 kg	price on request			
01403 A 8/8 C 8 1760 2	Aluminium fluorosilicate solution technical <i>Aluminium fluorosilicate en solution / Aluminio fluorosilicato en solución</i> Al ₂ (SiF ₆) ₃ M = 480,19 g/mol 1 L ≈ 1,29 kg  R: 22 S: 2-13-24/25 disposal: 27	PF. STP. 2829	1 L 70 kg	12,50	10,65	10,—	9,65
			price on request				
11033	Aluminium hydroxide chem. pure <i>Aluminium hydroxyde / Aluminio hidróxido</i> Al(OH) ₃ M = 78,00 g/mol assay (Al ₂ O ₃) 65% alkali (as Na) 0,15% iron (Fe) 0,005% sulphate (SO ₄) 0,002%	PF. PF. FTP. 2820	500 g 1 kg 50 kg	10,— 17,—	8,50 14,45	8,— 13,60	7,70 13,10
			price on request				
Aluminium hydroxide see also Aluminium oxide hydrated							
25001	Aluminium hydroxide acetate 30% Al₂O₃ pure powder <i>Aluminium hydroxyde acetate / Aluminio hidróxido acetato</i> assay of Al ₂ O ₃ 30% insoluble in hydrochloric acid 0,05% iron (Fe) 0,005% sodium (Na) 1,5% heavy metals (as Pb) 0,002% chloride (Cl) 0,01%	PF. PF. PF. S. 2914	500 g 1 kg 2,5 kg 25 kg	15,75 28,50 60,50	13,40 24,25 50,20	12,60 22,80 47,20	12,15 21,95 45,40
			price on request				
Aluminium isopropylate see Aluminium iso-propylate							
25301	Aluminium lactate pure <i>Aluminium lactate / Aluminio lactato</i> C ₉ H ₁₅ AlO ₉ M = 294,19 g/mol assay (as dry substance) 100% water (according to Karl Fischer) 4% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,03% sulphate (SO ₄) 0,4%	PF. PF. FTP. 2916	250 g 1 kg 50 kg	20,25 59,50	17,20 50,60	16,20 47,60	15,20 45,80
			price on request				
Aluminium lithium hydride see Lithium aluminium hydride							

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			1x	6x	24x	96	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
64323	Aluminium methylate PROSYNTH®	WG.	25 g	28,25	24,—	22,60	21,—
A -	Aluminium méthylate / Aluminio metilato	2945					
B 4.1/12B	Al(OCH ₃) ₃						
C 4.1 1325 2	C ₃ H ₉ AlO ₃ M = 120,08 g/mol						
	assay (ex Al) 95%						
	 R: 11 S: 8-16 disposal: 28						
11025	Aluminium nitrate technical exsiccated	PF.	1 kg	16,75	14,25	13,40	12,9
C 5.1 1438 3	Aluminium nitrate / Aluminio nitrato	S.	50 kg	price on request			
	assay of Al ₂ O ₃ 25%	2839					
	iron (Fe) 0,01%						
	heavy metals (as Pb) 0,01%						
31154	Aluminium nitrate-9-hydrate R. G., Reag. ACS	PF.	1 kg	20,75	17,65	16,60	16,—
C 5.1 1438 3	Aluminium nitrate-9-hydrate / Aluminio nitrato-9-hidrato	FTP.	50 kg	kg	9,30		
	Al(NO ₃) ₃ · 9H ₂ O M = 375,13 g/mol	2839					
	assay min. 98,5%						
	insoluble in water max. 0,005%						
	calcium (Ca) max. 0,01%						
	iron (Fe) max. 0,002%						
	potassium (K) max. 0,002%						
	magnesium (Mg) max. 0,002%						
	sodium (Na) max. 0,005%						
	heavy metals (as Pb) max. 0,001%						
	zinc (Zn) max. 0,001%						
	chloride (Cl) max. 0,001%						
	sulphate (SO ₄) max. 0,005%						
11023	Aluminium nitrate-9-hydrate chem. pure cryst.	PF.	1 kg	13,75	11,70	11,—	10,60
C 5.1 1438 3	Aluminium nitrate-9-hydrate / Aluminio nitrato-9-hidrato	PF.	5 kg	54,—	44,80	42,10	40,50
	Al(NO ₃) ₃ · 9H ₂ O M = 375,13 g/mol	S.	50 kg	price on request			
	assay 98%	2839					
	pH (5%, 20 °C) 2,8—3,2						
	free acid (as HNO ₃) 0,1%						
	ammonium (NH ₄) 0,001%						
	arsenic (As) 0,001%						
	iron (Fe) 0,003%						
	heavy metals (as Pb) 0,001%						
	substances not precipitated						
	by ammonia solution 0,03%						
	chloride (Cl) 0,001%						
	sulphate (SO ₄) 0,005%						
11024	Aluminium nitrate-9-hydrate technical cryst.	PF.	1 kg	12,—	10,20	9,60	9,25
C 5.1 1438 3	Aluminium nitrate-9-hydrate / Aluminio nitrato-9-hidrato	S.	50 kg	price on request			
	Al(NO ₃) ₃ · 9H ₂ O M = 375,13 g/mol	2839					
	assay 98%						
	iron (Fe) 0,01%						
	heavy metals (as Pb) 0,01%						
	chloride (Cl) 0,01%						
	sulphate (SO ₄) 0,01%						
11082	Aluminium oxide chem. pure light	PF.	1 kg	153,—	130,05	122,40	117,80
	Aluminium oxyde / Aluminio óxido	2820					
	Al ₂ O ₃ M = 101,96 g/mol						
	arsenic (As) 0,0005%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	chloride (Cl) 0,01%						
	sulphate (SO ₄) 0,2%						
31166	Aluminium oxide D basic for thin-layer chromatography	PF.	250 g	16,25	13,80	13,—	12,20
	Aluminium oxyde D / Aluminio óxido D	PF.	1 kg	47,—	39,95	37,60	36,20
	pH (10%, 20 °C) 10	2820					
	granulation less than 30 µm (400 mesh ASTM)						
31170	Aluminium oxide D neutral for thin-layer chromatography	PF.	500 g	25,25	21,45	20,20	19,45
	Aluminium oxyde D / Aluminio óxido D	PF.	1 kg	46,50	39,55	37,20	35,80
	pH (10%, 20 °C) 7,5	2820					
	granulation less than 30 µm (400 mesh ASTM)						

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31184	Aluminium oxide D acid for thin-layer chromatography <i>Aluminium oxyde D / Aluminio óxido D</i> pH (10%, 20 °C) 4,5 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2820	500 g 1 kg	25,25 46,50	21,45 39,55	20,20 37,20	19,45 35,80
31167	Aluminium oxide DF basic for thin-layer chromatography. With luminous pigment addition for short-wave UV (254 nm). Without binding medium addition. <i>Aluminium oxyde DF / Aluminio óxido DF</i> pH (10%, 20 °C) 10 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2820	250 g 1 kg	17,— 50,—	14,45 42,50	13,60 40,—	12,75 38,50
31168	Aluminium oxide DG for thin-layer chromatography <i>Aluminium oxyde DG / Aluminio óxido DG</i> gypsum content 10% pH (10%, 20 °C) 7,5 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2820	250 g 1 kg	16,— 46,75	13,60 39,75	12,80 37,40	12,— 36,—
31169	Aluminium oxide DGF for thin-layer chromatography. With luminous pigment addition for short-wave UV (254 nm) <i>Aluminium oxyde DGF / Aluminio óxido DGF</i> gypsum content 10% pH (10%, 20 °C) 7,5 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2820	250 g 1 kg	17,— 50,—	14,45 42,50	13,60 40,—	12,75 38,50
31181	Aluminium oxide S basic, super active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade super 1 pH (10%, 20 °C) 10 granulation 50—200 µm (70—290 mesh ASTM) specific surface 200 m ² /g pour density 0,9 g/ml	WG. 2820	500 g	20,50	17,45	16,40	15,80
31182	Aluminium oxide S neutral, super active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade super 1 pH (10%, 20 °C) 7,5 granulation 50—200 µm (70—290 mesh ASTM) specific surface 200 m ² /g pour density 0,9 g/ml	WG. 2820	500 g	23,25	19,75	18,60	17,90
31183	Aluminium oxide S acid, super active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade super 1 pH (10%, 20 °C) 4,5 granulation 50—200 µm (70—290 mesh ASTM) specific surface 200 m ² /g pour density 0,9 g/ml	WG. 2820	500 g	21,75	18,50	17,40	16,75
31163	Aluminium oxide S basic active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade 1 pH (10%, 20 °C) 10 granulation 50—200 µm (70—290 mesh ASTM) pour density 0,9 g/ml	PF. PF. 2820	250 g 1 kg	13,75 35,75	11,70 30,40	11,— 28,60	10,30 27,55
31164	Aluminium oxide S neutral active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade 1 pH (10%, 20 °C) 7,5 granulation 50—200 µm (70—290 mesh ASTM) pour density 0,9 g/ml	PF. PF. FTP. 2820	250 g 1 kg 50 kg	14,25 41,— kg	12,10 34,85 20,50	11,40 32,80	10,70 31,55
31165	Aluminium oxide S acid active for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade 1 pH (10%, 20 °C) 4,5 granulation 50—200 µm (70—290 mesh ASTM) pour density 0,9 g/ml	PF. PF. 2820	250 g 1 kg	13,75 35,75	11,70 30,40	11,— 28,60	10,30 27,55

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31174	Aluminium oxide S neutral, standardised for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i>	PF. PF. FTP. 2820	500 g 1 kg 50 kg	11,— 19,75 kg	9,35 16,80 15,90	8,80 15,80	8,4 15,2
31104	Aluminium oxide S standardised for column chromatography <i>Aluminium oxyde S / Aluminio óxido S</i> activity grade 2 pH (10%, 20 °C) 10 granulation 50—150 µm (100—290 mesh ASTM) pour density 0,9 g/ml	PF. PF. FTP. 2820	500 g 1 kg 50 kg	11,— 19,75 kg	9,35 16,80 10,85	8,80 15,80	8,4 15,2
39800	Aluminium oxide HPLC basic 0,005—0,020 mm (5—20 µm) for high-pressure-liquid chromatography <i>Aluminium oxyde HPLC / Aluminio óxido HPLC</i> activity grade 1 pH (10%, 20 °C) 9,5 granulation 5—20 µm	WG. 2820	10 g	43,—	36,55	34,40	32,2
11028	Aluminium oxide chem. pure <i>Aluminium oxyde / Aluminio óxido</i> Al_2O_3 $M = 101,96$ g/mol loss on ignition (1000 °C, 2 h) 0,3% alkalis (as Na_2O) 0,3% iron (Fe) 0,03% heavy metals (as Pb) 0,005% chloride (Cl) 0,005% silicate (SiO_2) 0,05% sulphate (SO_4) 0,1%	PF. PF. PF. S. 2820	500 g 1 kg 2,5 kg 50 kg	10,— 16,25 34,— price on request	8,50 13,80 28,20	8,— 13,— 26,50	7,70 12,50 25,50
11031	Aluminium oxide technical <i>Aluminium oxyde / Aluminio óxido</i> Al_2O_3 $M = 101,96$ g/mol assay 99% loss on ignition 0,5%	PF. S. 2820	5 kg 50 kg	31,25 price on request	25,95	24,40	23,45
37349	TLC-Cards ALF 10 × 20 cm Aluminium oxide with fluorescent indicator 254 nm on aluminium cards layer thickness 0,2 mm <i>Feuilles CCM ALF 10 × 20 cm / CCF-Tarjetas ALF 10 × 20 cm</i> package with 20 sheets	7604	1 pack	36,—	30,60	28,80	27,—
37364	TLC-Cards ALF 20 × 20 cm Aluminium oxide with fluorescent indicator 254 nm on aluminium cards layer thickness 0,2 mm <i>Feuilles CCM ALF 20 × 20 cm / CCF-Tarjetas ALF 20 × 20 cm</i> package with 25 sheets	7604	1 pack	69,50	59,10	55,60	52,15
37604	TLC-Plates, pre-coated AL 20 × 20 cm Aluminium oxide on glass plates layer thickness 0,25 mm <i>Plaques CCM finies AL 20 × 20 cm / CCF-Placas preparadas AL 20 × 20 cm</i> package with 25 plates	7604	1 pack	87,—	73,95	69,60	65,25
37605	TLC-Plates, pre-coated ALF 20 × 20 cm Aluminium oxide with fluorescent indicator 254 nm on glass plates layer thickness 0,25 mm <i>Plaques CCM finies ALF 20 × 20 cm / CCF-Placas preparadas ALF 20 × 20 cm</i> package with 25 plates	7604	1 pack	87,—	73,95	69,60	65,25
11034	Aluminium oxide hydrated sulphate containing <i>Aluminium oxyde hydraté / Aluminio óxido hidratado</i> assay of Al_2O_3 47% sulphate (SO_4) 17% loss on ignition (1000 °C, 2 h) 52% alkalis and earth alkalis (as sulphates) 1,5% iron (Fe) 0,02%	PF. S. 2820	1 kg 20 kg	15,50 price on request	13,20	12,40	11,95

11037	Aluminium oxide hydrated technical powder, about 65% Al ₂ O ₃ Aluminium oxyde hydraté / Aluminio óxido hidrato assay of Al ₂ O ₃ 65% loss on ignition (1000 °C, 2 h) 34,5% alkalis and earth alkalis (as sulphates) 0,08% iron (Fe) 0,01% Aluminium oxide hydrated see also Aluminium hydroxide	PF. S. 2820	5 kg 50 kg	25,50 price on request	21,15	19,90	19,15
26201	Aluminium palmitate technical precipitated Aluminium palmitate / Aluminio palmitato	K. 2914	1 kg	30,—	25,50	24,—	23,10
04207	Aluminium phosphate technical Aluminium phosphate / Aluminio fosfato AlPO ₄ · xH ₂ O M = (anhydrous) 121,95 g/mol assay of Al ₂ O ₃ 38% assay of P ₂ O ₅ 52% loss on ignition (600 °C, 2 h) 10%	PF. S. 2840	1 kg 50 kg	22,25 price on request	18,90	17,80	17,15
	Aluminium potassium fluoride see Potassium aluminium fluoride						
	Aluminium potassium sulphate see Potassium aluminium sulphate						
	Aluminium rhodanide solution see Aluminium thiocyanate solution						
64321 A 6.1/ C 6.1 2811 3	Aluminium selenide PROSYNTH® Aluminium sélénure / Aluminio selenuro Al ₂ Se ₃ M = 290,84 g/mol  R: 23/25-33 S: 20/21-28-44 disposal: 10	WG. 2858	25 g	36,75	31,25	29,40	27,55
	Aluminium silicofluoride solution see Aluminium fluorosilicate solution						
	Aluminium sodium fluoride see Cryolite						
	Aluminium sodium fluoride see Cryolite						
26402	Aluminium stearate Aluminium stéarate / Aluminio estearato	PF. S. 2914	1 kg 25 kg	17,75 price on request	15,10	14,20	13,65
11044	Aluminium sulphate-18-hydrate chem. pure cryst. Ph. Eur. I, B.P.C. 1973, Ph. Franç. IX, U.S.P. XVII Aluminium sulfate-18-hydrate / Aluminio sulfato-18-hidrato Al ₂ (SO ₄) ₃ · 18H ₂ O M = 666,43 g/mol assay 99,5—105,0% pH (2%, 20 °C) 3—4 substances not precipitated by ammonia solution (as sulphates) 0,2% ammonium (NH ₄) 0,02% arsenic (As) 0,0005% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,002%	PF. PF. S. 2838	1 kg 2,5 kg 50 kg	14,— 29,— price on request	11,90	11,20	10,80 21,75
11046	Aluminium sulphate purified powder Aluminium sulfate / Aluminio sulfato Al ₂ (SO ₄) ₃ · xH ₂ O M = (anhydrous) 342,15 g/mol assay (as Al ₂ O ₃) 17—18% iron (Fe) 0,005%	PF. S. S. 2838	5 kg 50 kg 5x kg kg	24,— 1,80 1,70	19,90	18,70	18,—

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
11049	Aluminium thiocyanate solution 25% <i>Aluminium thiocyanate en solution 25% / Aluminio tiocianato en solución 25%</i> Al(SCN) ₃ M = 201,23 g/mol 1 L ≈ 1,16 kg assay 24,5–25,5% iron (Fe) 0,005% heavy metals (as Pb) 0,005% sulphate (SO ₄) 0,5%	FL. FPF. 2844	1 L 30 kg	23,75 price on request	20,20	19,—	18,3
60021	Aluminiumtri iso-propylate PROSYNTH® <i>Aluminiumtri iso-propylate / Aluminiotri iso-propilato</i> C ₉ H ₂₁ AlO ₃ M = 204,24 g/mol assay (ex Al) 98% insoluble in toluene 2% melting range 136–140 °C  R: 11 S: 8-16 disposal: 28	PF. PF. 2945	250 g 1 kg	13,— 36,—	11,05 30,60	10,40 28,80	9,75 27,70
Aluminium tristearate see Aluminium stearate Aluminon see Aurin tricarboxylic acid ammonium salt Alum, iron see Ammonium iron(III) sulphate Alum, iron see Ammonium iron(III) sulphate Alum, potassium see Potassium aluminium sulphate Amidol see 2,4-Diaminophenol dihydrochloride Amidomercury(II) chloride see Mercury(II) amidochloride Amidosulphuric acid see Sulphamic acid							
39608	Amine 220 for gas chromatography <i>Amine 220 / Amino 220</i> working temperature 20 to 180 °C	WG. 3819	50 g	72,—	61,20	57,60	54,—
64317	Aminoacetaldehyde diethyl acetal PROSYNTH® <i>Aminoacétaldéhyde diéthylacétal / Aminoacetaldehido dietilacetal</i> NH ₂ CH ₂ CH(OCH ₂ CH ₃) ₂ C ₈ H ₁₅ NO ₂ M = 133,19 g/mol 1 L ≈ 0,97 kg assay (GC) 98% boiling range 161–163 °C refractive index (n _D ²⁰) 1,418	FL. 2910	25 ml	34,—	28,90	27,20	25,50
64257	Aminoacetaldehyde dimethyl acetal PROSYNTH® <i>Aminoacétaldéhyde diméthylacétal / Aminoacetaldehido dimetilacetal</i> NH ₂ CH ₂ CH(OCH ₃) ₂ C ₆ H ₁₁ NO ₂ M = 105,14 g/mol 1 L ≈ 0,97 kg assay (GC) 98% boiling range 135–137 °C refractive index (n _D ²⁰) 1,417	FL. 2923	25 ml	30,—	25,50	24,—	22,50
64258	4'-Aminoacetanilide PROSYNTH® <i>Amino-4'-acétanilide / 4'-Aminoacetanilida</i> CH ₃ CONHC ₆ H ₄ NH ₂ C ₈ H ₁₀ N ₂ O M = 150,18 g/mol assay (HPLC) 98% melting range 163–165 °C	WG. 2925	250 g	22,50	19,15	18,—	16,90
Aminoacetic acid see Glycine Aminoacetic acid amide hydrochloride see Glycinamide hydrochloride Aminoacetic acid nitrile hydrogen sulphate see Aminoacetonitrile hydrogen sulphate							

63207 A 6.1/21 C 6.1 2811 2	Aminoacetonitrile hydrogen sulphate PROSYNTH® <i>Aminoacétonitrile hydrogénosulfate / Aminoacetonitrilo hidrógeno-sulfato</i> <chem>NH2CH2CN · H2SO4</chem> <chem>C2H6N2O4S</chem> <i>M</i> = 154,15 g/mol assay 98% melting range 123–125 °C	PF. 2927	50 g	38,75	32,95	31,—	29,05
62066	2-Aminoacetophenone PROSYNTH® <i>2-Aminoacétophénone / 2-Aminoacetofenona</i> <chem>CH3COC6H4NH2</chem> <chem>C8H9NO</chem> <i>M</i> = 135,17 g/mol 1 L ≈ 1,12 kg assay (GC) 98% boiling range 250–252 °C refractive index (<i>n</i> _D ²⁰) 1,615 store in a cool, dark area stocker à l'abri de la chaleur et de la lumière almacenaje en lugar frio y protegido contra la luz	FL. 2923	10 ml	20,75	17,65	16,60	15,55
62067	3-Aminoacetophenone PROSYNTH® <i>3-Aminoacétophénone / 3-Aminoacetofenona</i> <chem>CH3COC6H4NH2</chem> <chem>C8H9NO</chem> <i>M</i> = 135,17 g/mol assay (GC) 97% melting range 96–98 °C	WG. 2923	50 g	18,75	15,95	15,—	14,05
62068	4-Aminoacetophenone PROSYNTH® <i>4-Aminoacétophénone / 4-Aminoacetofenona</i> <chem>CH3COC6H4NH2</chem> <chem>C8H9NO</chem> <i>M</i> = 135,17 g/mol assay (GC) 98% melting range 105–107 °C Amino-acid analysis acc. to Stein and Moore see Buffer solutions	WG. 2923	100 g	52,50	44,65	42,—	39,40
63208	9(5)-Aminoacridine chloride monohydrate PROSYNTH® <i>9(5)-Aminoacridine chlorure monohydraté / 9(5)-Aminoacridina cloruro monohidrato</i> <chem>C13H11ClN2 · H2O</chem> <i>M</i> = 248,71 g/mol	WG. 2935	25 g	32,75	27,85	26,20	24,55
62069	1-Aminoanthraquinone PROSYNTH® <i>1-Aminoanthraquinone / 1-Aminoantraquinona</i> <chem>NH2C6H3COC6H4CO</chem> <chem>C14H9NO2</chem> <i>M</i> = 223,23 g/mol assay (UV) 99% melting range 252–254 °C log <i>ε</i> ₂₄₄ (CH ₃ OH) 4,507	WG. 2923	100 g	17,50	14,90	14,—	13,15
62070	2-Aminoanthraquinone PROSYNTH® <i>2-Aminoanthraquinone / 2-Aminoantraquinona</i> <chem>NH2C6H3COC6H4CO</chem> <chem>C14H9NO2</chem> <i>M</i> = 223,23 g/mol assay (UV) 99% melting range 304–305 °C (disint.) log <i>ε</i> ₂₄₂ (CH ₃ OH) 4,485 Amino-antipyrin® see 1-Phenyl-2,3-dimethyl-4-aminopyrazolone-(5) ® = trade mark of Hoechst AG	WG. 2923	100 g	19,—	16,15	15,20	14,25
64259 A 6.1/211 C 6.1 2811 2	4-Aminoazobenzene PROSYNTH® <i>Amino-4-azobenzène / 4-Aminoazobenceno</i> <chem>C6H5N = NC6H4NH2</chem> <chem>C12H11N3</chem> <i>M</i> = 197,24 g/mol assay (HPLC) 98% melting range 122–124 °C	WG. 2928	100 g	35,50	30,20	28,40	26,65










R: 20/21/22 S: 28
disposal: 17




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
65139	2-Aminobenzaldehyde polymer PROSYNTH® <i>2-Aminobenzaldéhyde / 2-Aminobenzaldehydo</i> (NH ₂ C ₆ H ₄ CHO) _n (C ₇ H ₇ NO) _n M = (121,14) _n g/mol	FL. 2923	1 g	19,75	16,80	15,80	14,8
64290	3-Aminobenzaldehyde polymer PROSYNTH® <i>3-Aminobenzaldéhyde / 3-Aminobenzaldehydo</i> (NH ₂ C ₆ H ₄ CHO) _n (C ₇ H ₇ NO) _n M = (121,14) _n g/mol	WG. 2923	100 g	31,—	26,35	24,80	23,2
64282	4-Aminobenzaldehyde polymer PROSYNTH® <i>4-Aminobenzaldéhyde / 4-Aminobenzaldehydo</i> (NH ₂ C ₆ H ₄ CHO) _n (C ₇ H ₇ NO) _n M = (121,14) _n g/mol	2923					
	2-Aminobenzaldehyde phenylhydrazone see Nitrin	WG.	100 g	28,25	24,—	22,60	21,20
64260	2-Aminobenzamide PROSYNTH® <i>Amino-2-benzamide / 2-Aminobenzamida</i> NH ₂ C ₆ H ₄ CONH ₂ C ₇ H ₉ N ₂ O M = 136,15 g/mol assay 98% melting range 111—113 °C	PF. 2925	100 g	23,—	19,55	18,40	17,25
	Aminobenzene see Aniline						
	1-Aminobenzenearsonic acid-(2) see 2-Arsanilic acid						
	1-Aminobenzenearsonic acid-(4) see 4-Arsanilic acid						
	4-Aminobenzenesulphonic acid see Sulphanilic acid						
	3-Aminobenzenesulphonic acid-(1) see Metanilic acid						
	m-Aminobenzenesulphonic acid-azo-diphenylamine sodium salt see Metanil yellow						
33016	2-Aminobenzoic acid R. G., Reag. Ph. Eur. I <i>Acide 2-aminobenzoïque / Acido 2-aminobenzóico</i> H ₂ NC ₆ H ₄ COOH C ₇ H ₇ NO ₂ M = 137,14 g/mol assay min. 99,5% melting range 146—147 °C insoluble in ethanol max. 0,02% sulphated ash max. 0,03% lead (Pb) max. 0,001% iron (Fe) max. 0,001% copper (Cu) max. 0,001% total chlorine (Cl) max. 0,01% sulphate (SO ₄) max. 0,01%	PF. PF. 2923	25 g 100 g	18,50 58,50	15,75 49,75	14,80 46,80	13,90 43,90
15138	2-Aminobenzoic acid <i>Acide 2-aminobenzoïque / Acido 2-aminobenzóico</i> H ₂ NC ₆ H ₄ COOH C ₇ H ₇ NO ₂ M = 137,14 g/mol assay 99,5% melting range 144—146 °C sulphated ash 0,1%	PF. S. 2923	500 g 50 kg	14,50 price on request	12,35	11,60	11,15
62071	3-Aminobenzoic acid PROSYNTH® <i>Acide 3-aminobenzoïque / Acid 3-aminobenzóico</i> H ₂ NC ₆ H ₄ COOH C ₇ H ₇ NO ₂ M = 137,14 g/mol assay (alkalimetric) 99% melting range 172—174 °C	PF. 2923	250 g	32,75	27,85	26,20	24,55
15141	4-Aminobenzoic acid <i>Acide 4-aminobenzoïque / Acido 4-aminobenzóico</i> H ₂ NC ₆ H ₄ COOH C ₇ H ₇ NO ₂ M = 137,14 g/mol assay 99% melting range 185—187 °C sulphated ash 0,5%	PF. PF. FTP. 2923	100 g 1 kg 25 kg	11,25 74,50 kg 40,60	9,55 63,35	9,— 59,60	8,45 57,35



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			1x	6x	24x	96x	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
64264	3-Aminobenzoic acid hydrochloride PROSYNTH® <i>Acide amino-3-benzoïque chlorhydrate / Acido 3-aminobenzóico clorhidrato</i> $\text{H}_2\text{NC}_6\text{H}_4\text{COOH} \cdot \text{HCl}$ $\text{C}_7\text{H}_8\text{ClNO}_2$ $M = 173,60$ g/mol assay (ex Cl) 99%	WG. 2923	50 g	32,—	27,20	25,60	24,—
62072	2-Aminobenzonitrile PROSYNTH® <i>2-Aminobenzonitrile / 2-Aminobenzonitrilo</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_6\text{N}_2$ $M = 118,14$ g/mol assay (GC) 98% melting range 47—50 °C	WG. 2927	100 g	45,25	38,45	36,20	33,95
64281	3-Aminobenzonitrile PROSYNTH® <i>3-Aminobenzonitrile / 3-Aminobenzonitrilo</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_6\text{N}_2$ $M = 118,14$ g/mol assay (HPLC) 98% melting range 50—52 °C	WG. 2927	10 g	23,—	19,55	18,40	17,25
64280	4-Aminobenzonitrile PROSYNTH® <i>4-Aminobenzonitrile / 4-Aminobenzonitrilo</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_6\text{N}_2$ $M = 118,14$ g/mol assay (HPLC) 98% melting range 83—85 °C	WG. 2927	5 g	35,—	29,75	28,—	26,25
64265	2-Aminobenzophenone PROSYNTH® <i>Amino-2-benzophénone / 2-Aminobenzofenona</i> $\text{C}_6\text{H}_5\text{COC}_6\text{H}_4\text{NH}_2$ $\text{C}_{13}\text{H}_{11}\text{NO}$ $M = 197,24$ g/mol assay (HPLC) 98% melting range 105—107 °C	PF. 2923	50 g	29,—	24,65	23,20	21,75
63210	4-Aminobenzophenone PROSYNTH® <i>4-Aminobenzophénone / 4-Aminobenzofenona</i> $\text{C}_6\text{H}_5\text{COC}_6\text{H}_4\text{NH}_2$ $\text{C}_{13}\text{H}_{11}\text{NO}$ $M = 197,24$ g/mol assay (HPLC) 98% melting range 121—123 °C	WG. 2923	10 g	56,50	48,05	45,20	42,40
64275	2-Aminobenzophenone-2'-carboxylic acid PROSYNTH® <i>Acide 2-aminobenzophénone-2'-carboxylique / Acido 2-aminobenzofenona-2'-carboxílico</i> $\text{NH}_2\text{C}_6\text{H}_4\text{COC}_6\text{H}_4\text{COOH}$ $\text{C}_{14}\text{H}_{11}\text{NO}_3$ $M = 241,25$ g/mol assay (HPLC) 97% melting range 196—199 °C	WG. 2923	50 g	49,50	42,10	39,60	37,15
60029	2-Aminobenzothiazole PROSYNTH® <i>2-Aminobenzothiazole / 2-Aminobenzotiazol</i> $\text{C}_6\text{H}_4\text{N}=\text{C}(\text{NH}_2)\text{S}$ $\text{C}_7\text{H}_6\text{N}_2\text{S}$ $M = 150,20$ g/mol assay (HPLC) 98% melting range 128—130 °C	PF. PF. 2935	100 g 500 g	36,75 151,—	31,25 128,35	29,40 120,80	27,55 116,25
N-(4-Aminobenzoyl)glycine see 4-Aminohippuric acid							
63218	2-Aminobiphenyl PROSYNTH® <i>2-Aminobiphényle / 2-Aminobifenilo</i> $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{NH}_2$ $\text{C}_{12}\text{H}_{11}\text{N}$ $M = 169,23$ g/mol assay (GC) 98% melting range 51—53 °C	WG. 2922	25 g	20,75	17,65	16,60	15,55

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					(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
63211	2-Amino-5-bromotoluene PROSYNTH®	WG.	25 g	23,50	20,—	18,80	17,6	
A 6.1/21E	2-Amino-5-bromotoluène / 2-Amino-5-bromotolueno	2922						
C 6.1 2811 2	NH ₂ C ₆ H ₃ BrCH ₃ C ₇ H ₆ BrN M = 186,05 g/mol assay (GC) 98% melting range 57—59 °C							
63212	4-Amino-3-bromotoluene PROSYNTH®	FL.	50 ml	68,—	57,80	54,40	51,—	
A 6.1/21E	4-Amino-3-bromotoluène / 4-Amino-3-bromotolueno	2922						
C 6.1 2810 2	NH ₂ C ₆ H ₃ BrCH ₃ C ₇ H ₆ BrN M = 186,05 g/mol 1 L ≈ 1,48 kg assay (GC) 98% boiling range (at 40 mbar) 120—122 °C refractive index (n _D ²⁰) 1,600							
63213	5-Amino-2-bromotoluene PROSYNTH®	WG.	10 g	27,75	23,60	22,20	20,8	
A 6.1/21E	5-Amino-2-bromotoluène / 5-Amino-2-bromotolueno	2922						
C 6.1 2811 2	NH ₂ C ₆ H ₃ BrCH ₃ C ₇ H ₆ BrN M = 186,05 g/mol assay (ex N) 95% melting range 81—83 °C							
Aminobutane see Butylamine								
2-Aminobutanedioic acid see DL-Aspartic acid								
Aminobutanoic acid see Aminobutyric acid								
62074	2-Aminobutanol-(1) PROSYNTH®	FL.	250 ml	53,50	45,50	42,80	40,15	
A 8/35	2-Aminobutanol-(1) / 2-Aminobutanol-(1)	2923						
C 8 1760 2	CH ₃ CH ₂ CH(NH ₂)CH ₂ OH C ₄ H ₁₁ NO M = 89,14 g/mol 1 L ≈ 0,92 kg assay (GC) 96% boiling range 174—182 °C refractive index (n _D ²⁰) 1,453							
Amino-iso-butyl alcohol see 2-Amino-2-methylpropanol-(1)								
2-Aminobutyl alcohol see 2-Aminobutanol-(1)								
63214	DL-2-Aminobutyric acid PROSYNTH®	WG.	50 g	30,75	26,15	24,60	23,05	
	Acide DL-2-aminobutyrique / Acido DL-2-aminobutírico	2923						
	CH ₃ CH ₂ CH(NH ₂)COOH C ₄ H ₉ NO ₂ M = 103,12 g/mol assay (ex N) 99% melting range 299—301 °C (disint.)							
63216	DL-3-Aminobutyric acid PROSYNTH®	WG.	10 g	51,50	43,80	41,20	38,65	
	Acide DL-3-aminobutyrique / Acido DL-3-aminobutírico	2923						
	CH ₃ CH(NH ₂)CH ₂ COOH C ₄ H ₉ NO ₂ M = 103,12 g/mol assay (ex N) 98% melting range 188—190 °C (disint.)							
64266	4-Aminobutyric acid PROSYNTH®	WG.	100 g	22,—	18,70	17,60	16,50	
	Acide amino-4-butyrique / Acido 4-aminobutírico	2923						
	NH ₂ (CH ₂) ₃ COOH C ₄ H ₉ NO ₂ M = 103,12 g/mol assay (ex N) 98% melting range 200—205 °C (disint.)							
62075	6-Aminocaproic acid PROSYNTH®	PF.	250 g	22,—	18,70	17,60	16,50	
	Acide 6-aminocaproïque / Acido 6-aminocapróico	2923						
	NH ₂ (CH ₂) ₅ COOH C ₆ H ₁₃ NO ₂ M = 131,17 g/mol assay (ex N) 99% melting range 208—210 °C (disint.)							

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						(1 Box)	(4 Boxes)	(16 Boxes)
63217	3-Amino-4-chlorobenzoic acid PROSYNTH® <i>Acide 3-amino-4-chlorobenzoïque / Acido 3-amino-4-clorobenzóico</i> <chem>NH2C6H3ClCOOH</chem> <chem>C7H6ClNO2</chem> $M = 171,58$ g/mol assay (alkalimetric) 99% melting range 213–215 °C		WG. 2923	10 g	13,—	11,05	10,40	9,75
64490	2-Amino-5-chlorobenzonitrile PROSYNTH® <i>2-Amino-5-chlorobenzonitrile / 2-Amino-5-clorobenzonitrilo</i> <chem>NH2C6H3ClCN</chem> <chem>C7H5ClN2</chem> $M = 152,58$ g/mol assay (HPLC) 97% melting range 94–96 °C		WG. 2927	25 g	27,25	23,15	21,80	20,45
62076	2-Amino-5-chlorobenzophenone PROSYNTH® <i>2-Amino-5-chlorobenzophénone / 2-Amino-5-clorobenzofenona</i> <chem>NH2C6H3ClCOC6H5</chem> <chem>C13H10ClNO</chem> $M = 231,68$ g/mol assay (HPLC) 98% melting range 97–99 °C		PF. 2923	100 g	32,25	27,40	25,80	24,20
61086	2-Amino-5-chlorobenzotrifluoride PROSYNTH® <i>2-Amino-5-chlorobenzotrifluorure / 2-Amino-5-clorobenzotrifluoruro</i> <chem>C6H3(CF3)(NH2)Cl</chem> <chem>C7H5ClF3N</chem> $M = 195,57$ g/mol 1 L ≈ 1,44 kg assay 99%		FL. 2922	100 ml	82,50	70,15	66,—	61,90
	 R: 23/24/25 S: 44 disposal: 21							
61087	3-Amino-4-chlorobenzotrifluoride PROSYNTH® <i>3-Amino-4-chlorobenzotrifluorure / 3-Amino-4-clorobenzotrifluoruro</i> <chem>C6H3(CF3)(NH2)Cl</chem> <chem>C7H5ClF3N</chem> $M = 195,57$ g/mol 1 L ≈ 1,42 kg assay 99%		FL. 2922	100 ml	33,25	28,25	26,60	24,95
	 R: 23/24/25 S: 44 disposal: 21							
61088	5-Amino-2-chlorobenzotrifluoride PROSYNTH® <i>5-Amino-2-chlorobenzotrifluorure / 5-Amino-2-clorobenzotrifluoruro</i> <chem>C6H3(CF3)(NH2)Cl</chem> <chem>C7H5ClF3N</chem> $M = 195,57$ g/mol 1 L ≈ 1,42 kg assay 99%		WG. 2922	100 g	101,50	86,30	81,20	76,15
	 R: 23/24/25 S: 44 disposal: 21							
64486	2-Amino-4'-chlorodiphenylamine PROSYNTH® <i>2-Amino-4'-chlorodiphénylamine / 2-Amino-4'-clorodifenilamina</i> <chem>NH2C6H4NHC6H4Cl</chem> <chem>C12H11ClN2</chem> $M = 218,69$ g/mol assay (HPLC) 98% melting range 117–119 °C		WG. 2922	100 g	55,—	46,75	44,—	41,25
64475	2-Amino-4'-chlorodiphenylamine-2'-carboxylic acid PROSYNTH® <i>Acide 2-amino-4'-chlorodiphénylamin-2'-carboxylique / Acido 2-amino-4'-clorodifenilamino-2'-carboxílico</i> <chem>NH2C6H4NHC6H3(Cl)COOH</chem> <chem>C13H11ClN2O2</chem> $M = 262,70$ g/mol assay (HPLC) 97% melting range 192–194 °C		WG. 2923	10 g	31,—	26,35	24,80	23,25

64483	2-Amino-4-chlorodiphenyl ether PROSYNTH® <i>Ether-2-amino-4-chlorodiphénylique / Eter 2-amino-4-clorodifenilico</i> $C_6H_5OC_6H_3(NH_2)Cl$ $C_{12}H_{10}ClNO$ $M = 219,67$ g/mol assay (HPLC) 98% melting range 41–43 °C	WG. 2923	250 g	28,25	24,—	22,60	21,2
63219	4-Amino-4'-chlorodiphenyl ether PROSYNTH® <i>Ether 4-amino-4'-chlorodiphénylique / Eter 4-amino-4'-clorodifenilico</i> $NH_2C_6H_4OC_6H_4Cl$ $C_{12}H_{10}ClNO$ $M = 219,67$ g/mol assay (ex Cl) 98% melting range 98–100 °C	WG. 2908	100 g	94,—	79,90	75,20	70,5
60095 A 6.1/21E C 6.1 2811 3	2-Amino-4-chlorophenol PROSYNTH® <i>2-Amino-4-chlorophénol / 2-Amino-4-clorofenol</i> $C_6H_3(OH)(NH_2)Cl$ C_6H_6ClNO $M = 143,57$ g/mol assay (ex Cl) 98% melting range 136–138 °C  R: 20/21/22 S: 28 disposal: 7	PF. PF. 2923	500 g 2,5 kg	63,— 250,—	53,55 207,50	50,40 195,—	48,5 187,5
	2-Amino-4-chlorophenol see 4-Chloro-2-aminophenol						
63221 A 6.1/21E C 6.1 2811 2	2-Amino-5-chloropyridine PROSYNTH® <i>2-Amino-5-chloropyridine / 2-Amino-5-cloropiridina</i> $N=C(NH_2)CH=CHCCl=CH$ $C_5H_5ClN_2$ $M = 128,56$ g/mol assay 99% melting range 135–137 °C	WG. 2935	25 g	53,—	45,05	42,40	39,75
63222 A 6.1/21E C 6.1 2811 2	3-Amino-2-chloropyridine PROSYNTH® <i>3-Amino-2-chloropyridine / 3-Amino-2-cloropiridina</i> $N=CCIC(NH_2)=CHCH=CH$ $C_5H_5ClN_2$ $M = 128,56$ g/mol assay 98% melting range 76–78 °C	WG. 2935	10 g	29,50	25,10	23,60	22,15
	Amino-chlorotoluene see Chloro-methylaniline						
65197 A 6.1/22A C 6.1 • 2076 2	3-Amino-o-cresol PROSYNTH® <i>3-Amino-o-crésol / 3-Amino-o-cresol</i> $CH_3C_6H_3(OH)NH_2$ C_7H_9NO $M = 123,15$ g/mol melting range 127–129 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	25 g	price on request			
65196 A 6.1/22A C 6.1 • 2076 2	4-Amino-o-cresol PROSYNTH® <i>4-Amino-o-crésol / 4-Amino-o-cresol</i> $CH_3C_6H_3(OH)NH_2$ C_7H_9NO $M = 123,15$ g/mol melting range 177–179 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	50 g	price on request			
65198 A 6.1/22A C 6.1 • 2076 2	5-Amino-o-cresol PROSYNTH® <i>5-Amino-o-crésol / 5-Amino-o-cresol</i> $CH_3C_6H_3(OH)NH_2$ C_7H_9NO $M = 123,15$ g/mol melting range 161–162 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	50 g	price on request			

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63234	6-Amino-m-cresol PROSYNTH® A 6.1/22 <i>6-Amino-m-crésol / 6-Amino-m-cresol</i> C 6.1 2811 2 $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})\text{NH}_2$ $\text{C}_7\text{H}_9\text{NO}$ $M = 123,15 \text{ g/mol}$ assay (HPLC) 98 % melting range 156–159 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	100 g	99,—	84,15	79,20	74,25
64271	2-Amino-p-cresol PROSYNTH® A 6.1/22A <i>2-Amino-p-crésol / 2-Amino-p-cresol</i> C 6.1 2811 2 $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})\text{NH}_2$ $\text{C}_7\text{H}_9\text{NO}$ $M = 123,15 \text{ g/mol}$ assay (HPLC) 97 % melting range 133–136 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	100 g	21,50	18,30	17,20	16,15
64272	4-Amino-m-cresol PROSYNTH® A 6.1/22A <i>4-Amino-m-crésol / 4-Amino-m-cresol</i> C 6.1 2811 2 $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})\text{NH}_2$ $\text{C}_7\text{H}_9\text{NO}$ $M = 123,15 \text{ g/mol}$ assay (HPLC) 99 % melting range 177–179 °C  R: 20/21/22 S: 28 disposal: 6	WG. 2923	50 g	42,75	36,35	34,20	32,05
	Aminocycloheptane see Cycloheptylamine Aminocyclopentane see Cyclopentylamine Aminocyclopropane see Cyclopropylamine						
64467	2-Amino-3,5-dibromopyridine PROSYNTH® <i>2-Amino-3-5-dibromopyridine / 2-Amino-3,5-dibromopiridina</i> $\text{NH}_2\text{C}=\text{NCH}=\text{CBrCH}=\text{CBr}$ $\text{C}_5\text{H}_4\text{Br}_2\text{N}_2$ $M = 251,91 \text{ g/mol}$ assay (HPLC) 98 % melting range 102–104 °C	WG. 2935	10 g	28,50	24,25	22,80	21,40
63223	4-Amino-N,N-diethylaniline sulphate PROSYNTH® A 6.1/21 <i>4-Amino-N-N-diéthylaniline sulfate / 4-Amino-N,N-dietilanilina sulfato</i> C 6.1 2811 2 $(\text{C}_2\text{H}_5)_2\text{NC}_6\text{H}_4\text{NH}_2 \cdot \text{H}_2\text{SO}_4$ $\text{C}_{10}\text{H}_{18}\text{N}_2\text{O}_4\text{S}$ $M = 262,33 \text{ g/mol}$ assay 98 %	WG. 2922	100 g	14,75	12,55	11,80	11,05
	2-Amino-1,3-dihydroxy-2-methylpropane see 2-Amino-2-methyl-1,3-propanediol p-Aminodimethylaniline dihydrochloride see N,N-Dimethyl-p-phenylenediamine dihydrochloride						
64462	5-Amino-3,4-dimethylisoxazole PROSYNTH® <i>5-Amino-3-4-diméthyle-isoxazol / 5-Amino-3,4-dimetilo-isoxazol</i> $\text{N}=\text{C}(\text{CH}_3)\text{C}(\text{CH}_3)=\text{C}(\text{NH}_2)\text{O}$ $\text{C}_6\text{H}_8\text{N}_2\text{O}$ $M = 112,13 \text{ g/mol}$ assay 98 % melting range 117–120 °C	WG. 2935	100 g	16,—	13,60	12,80	12,—
64461	2-Amino-4,6-dimethylpyrimidine PROSYNTH® <i>2-Amino-4-6-diméthylepyrimidine / 2-Amino-4,6-dimetilopirimidina</i> $\text{N}=\text{C}(\text{NH}_2)\text{N}=\text{C}(\text{CH}_3)\text{CH}=\text{CCH}_3$ $\text{C}_8\text{H}_9\text{N}_3$ $M = 123,16 \text{ g/mol}$ assay 97 % melting range 151–153 °C	WG. 2935	25 g	24,75	21,05	19,80	18,55

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63225	4-Aminodiphenylamine PROSYNTH® 4-Aminodiphénylamine / 4-Aminodifenilamina C ₆ H ₅ NHC ₆ H ₄ NH ₂ C ₁₂ H ₁₂ N ₂ M = 184,24 g/mol assay (ex N) 98% melting range 74–76 °C	WG. 2922	250 g	43,75	37,20	35,—	32,—
60423	4-Aminodiphenylamine chloride PROSYNTH® 4-Aminodiphénylamine chlorure / 4-Aminodifenilamina cloruro C ₆ H ₅ NHC ₆ H ₄ NH ₂ · HCl C ₁₂ H ₁₃ ClN ₂ M = 220,70 g/mol assay 99% melting range 265–267 °C	WG. 2922	100 g	48,25	41,—	38,60	36,—
65195	2-Aminodiphenylsulphone PROSYNTH® Amino-2-diphénylsulfone / 2-Aminodifenilsulfona NH ₂ C ₆ H ₄ SO ₂ C ₆ H ₅ C ₁₂ H ₁₁ NO ₂ S M = 233,29 g/mol melting range 118–120 °C	WG. 2931	50 g	price on request			
1-Aminododecane see Dodecylamine							
2-Aminoethanesulphonic acid see Taurine							
39492	2-Aminoethanol BIOSYNTH® Amino-2-éthanol / 2-Aminoetanol H ₂ NCH ₂ CH ₂ OH C ₂ H ₇ NO M = 61,08 g/mol 1 L ≈ 1,01 kg  R: 20-36/37/38 disposal: 19	FL. 2923	1 L	51,—	43,35	40,80	39,20
15014	2-Aminoethanol Amino-2-éthanol / 2-Aminoetanol H ₂ NCH ₂ CH ₂ OH C ₂ H ₇ NO M = 61,08 g/mol 1 L ≈ 1,01 kg assay 99% boiling range 169–172 °C density (D ₄ ²⁰) 1,015–1,018 refractive index (n _D ²⁰) 1,4535–1,4545 sulphated ash 0,05%  R: 20-36/37/38 disposal: 19	FL. FL. STP. F. 2923	1 L 2,5 L 30 kg 205 kg	20,25 42,— price on request price on request	17,20 34,85	16,20 32,75	15,60 31,50
Aminoethylbenzene see Ethylaniline							
62312	N-(2-Aminoethyl)-ethanolamine PROSYNTH® N-(2-Aminoéthyl)-éthanolamine / N-(2-Aminoetil)- etanolamina NH ₂ CH ₂ CH ₂ NHCH ₂ CH ₂ OH C ₄ H ₁₂ N ₂ O M = 104,15 g/mol 1 L ≈ 1,03 kg assay (ex N) 99% boiling range 242–246 °C refractive index (n _D ²⁰) 1,486	FL. 2923	1 L	33,75	28,70	27,—	26,—
63946	2-Aminoethylsulphuric acid PROSYNTH® Acide 2-aminoéthylsulfurique / Acido 2-aminoetilsulfúrico NH ₂ CH ₂ CH ₂ OSO ₂ OH C ₂ H ₇ NO ₄ S M = 141,15 g/mol assay (ex N) 97%	WG. 2923	250 g	34,25	29,10	27,40	25,70
DL-2-Amino-4-(ethylthio)butyric acid see DL-Ethionine							
61261	4-Amino-4'-fluorobiphenyl PROSYNTH® 4-Amino-4'-fluorobiphényle / 4-Amino-4'-fluorobifenilo FC ₆ H ₄ C ₆ H ₄ NH ₂ C ₁₂ H ₁₀ FN M = 187,22 g/mol assay (ex N) 97% melting range 119–121 °C	FL. 2922	1 g	38,25	32,50	30,60	28,70





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61266	2-Amino-4-fluorotoluene PROSYNTH® 2-Amino-4-fluorotoluène / 2-Amino-4-fluorotolueno CH ₃ C ₆ H ₃ FNH ₂ C ₇ H ₈ FN M = 125,15 g/mol 1 L ≈ 1,13 kg assay (GC) 98% boiling range (at 25 mbar) 98–100 °C refractive index (n _D ²⁰) 1,538	FL. FL. 2922	† 25 ml 50 ml	53,50 100,—	45,50 85,—	80,—	75,—
61265	2-Amino-5-fluorotoluene PROSYNTH® 2-Amino-5-fluorotoluène / 2-Amino-5-fluorotolueno CH ₃ C ₆ H ₃ FNH ₂ C ₇ H ₈ FN M = 125,15 g/mol 1 L ≈ 1,13 kg assay (GC) 97% boiling range (at 27 mbar) 95–97 °C	FL. 2922	25 ml	146,50	124,55	117,20	109,90
61071	4-Amino-2-fluorotoluene PROSYNTH® 4-Amino-2-fluorotoluène / 4-Amino-2-fluorotolueno C ₆ H ₃ (CH ₃)F(NH ₂) C ₇ H ₈ FN M = 125,15 g/mol 1 L ≈ 1,10 kg assay (GC) 97% melting range 30–32 °C	FL. FL. 2922	† 25 ml 50 ml	48,— 90,—	40,80 76,50	72,—	67,50
61263	5-Amino-2-fluorotoluene PROSYNTH® 5-Amino-2-fluorotoluène / 5-Amino-2-fluorotolueno CH ₃ C ₆ H ₃ FNH ₂ C ₇ H ₈ FN M = 125,15 g/mol 1 L ≈ 1,12 kg assay (GC) 99% boiling range (at 12 mbar) 84–86 °C	FL. 2922	25 ml	120,—	102,—	96,—	90,—
61072	6-Amino-2-fluorotoluene PROSYNTH® 6-Amino-2-fluorotoluène / 6-Amino-2-fluorotolueno C ₆ H ₃ (CH ₃)F(NH ₂) C ₇ H ₈ FN M = 125,15 g/mol 1 L ≈ 1,13 kg assay (GC) 97% boiling range (at 20 mbar) 88–90 °C	FL. FL. 2922	† 25 ml 50 ml	69,50 130,—	59,10 110,50	104,—	97,50
62077	1-Aminoguanidinium hydrogen carbonate PROSYNTH® 1-Aminoguanidine hydrogénocarbonate / 1-Aminoguanidina hidrógenocarbonato NH ₂ NHC(=NH)NH ₂ · H ₂ CO ₃ C ₂ H ₈ N ₄ O ₃ M = 136,11 g/mol assay 98% melting range 169–170 °C (disint.)	PF. 2926	250 g	28,—	23,80	22,40	21,—
60320	Aminoguanidinium sulphate monohydrate PROSYNTH® Aminoguanidine sulfate monohydraté / Aminoguanidina sulfato monohidrato [NH ₂ NHC(=NH)NH ₂] · H ₂ SO ₄ · H ₂ O C ₂ H ₁₄ N ₄ O ₄ S · H ₂ O M = 264,26 g/mol assay 97% 2-Amino-5-guanidinovaleric acid hydrochloride see Arginine monohydrochloride 1-Aminoheptane see Heptylamine (±)-2-Aminoheptanedioic acid see DL-2-Aminopimelic acid	PF. PF. 2926	250 g 1 kg	20,75 69,—	17,65 58,65	16,60 55,20	15,55 53,15
63226	2-Aminoheptane sulphate PROSYNTH® 2-Aminoheptane sulfate / 2-Aminoheptano sulfato [CH ₃ (CH ₂) ₄ CH(NH ₂)CH ₃] ₂ · H ₂ SO ₄ C ₁₄ H ₃₆ N ₂ O ₄ S M = 328,52 g/mol assay 99% 1-Aminohexadecane see Hexadecylamine 1-Aminohexane see Hexylamine (±)-2-Aminohexanedioic acid see DL-2-Aminoadipic acid 2-Aminohexanoic acid see L(+)-Norleucine 6-Aminohexanoic acid see 6-Aminocaproic acid HYDRANAL® a new Karl Fischer reagent	PF. 2922	50 g	37,25	31,65	29,80	27,95




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			1x	6x	24x	96	
				(1 Box)	(4 Boxes)	(16 Boxes)	
39051	4-Aminohippuric acid BIOSYNTH® <i>Acide 4-aminohippurique / Acido 4-aminohipúrico</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CONHCH}_2\text{COOH}$ $\text{C}_9\text{H}_{10}\text{N}_2\text{O}_3$ $M = 194,19$ g/mol assay (alkalimetric) 99% melting range 198–200 °C	PF. 2925	25 g	42,75	36,35	34,20	32,00
39050	4-Aminohippuric acid sodium salt monohydrate BIOSYNTH® <i>Acide 4-aminohippurique sel sodique monohydrate / Acido 4-aminohipúrico sal sódica monohidrato</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CONHCH}_2\text{COONa} \cdot \text{H}_2\text{O}$ $\text{C}_9\text{H}_9\text{N}_2\text{NaO}_3 \cdot \text{H}_2\text{O}$ $M = 234,19$ g/mol assay (titration) 98% melting range 126–127 °C	PF. 2923	100 g	453,—	385,05	362,40	339,—
64452	4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole PROSYNTH® <i>4-Amino-3-hydrazino-5-mercapto-1-2-4-triazole / 4-Amino-3-hidrazina-5-mercapto-1,2,4-triazol</i> $\text{NH}_2\text{NC}(\text{SH})=\text{NN}=\text{CNHNNH}_2$ $\text{C}_2\text{H}_6\text{N}_6\text{S}$ $M = 146,18$ g/mol assay (ex N) 99% melting range 228–230 °C (disint.)	WG. 2935	10 g	44,—	37,40	35,20	33,—
64269	4-Amino-2-hydroxybenzoic acid PROSYNTH® <i>Acide amino-4-hydroxy-2-benzoïque / Acido 4-amino-2-hidroxibenzóico</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{OH})\text{COOH}$ $\text{C}_7\text{H}_7\text{NO}_3$ $M = 153,14$ g/mol assay (alkalimetric) 99% melting range 134–136 °C (disint.) α-Amino-β-hydroxybutyric acid see Threonine	PF. 2923	250 g	44,25	37,60	35,40	33,20
63227	DL-4-Amino-3-hydroxybutyric acid PROSYNTH® <i>Acide DL-4-amino-3-hydroxybutyrique / Acido DL-4-amino-3-hidroxibutírico</i> $\text{NH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{COOH}$ $\text{C}_4\text{H}_9\text{NO}_3$ $M = 119,12$ g/mol assay (ex N) 98% 1-Amino-3-(4-hydroxy-3-iodophenyl)propionic acid see 3-Iodo-L-tyrosine	WG. 2923	10 g	43,25	36,75	34,60	32,40
33017	1-Amino-2-hydroxy-4-naphthalenesulphonic acid R. G., for the determination of phosphates <i>Acide 1-amino-2-hydroxynaphtalènesulfonique-(4) / Acido 1-amino-2-hidroxinaftalenosulfónico-(4)</i> $\text{C}_{10}\text{H}_5(\text{NH}_2)(\text{OH})(\text{SO}_3\text{H})$ $\text{C}_{10}\text{H}_9\text{NO}_4\text{S}$ $M = 239,25$ g/mol	PF. PF. 2923	25 g 100 g	22,50 70,—	19,15 59,50	18,— 56,—	16,90 52,50
64427	6-Amino-1-hydroxy-3-naphthalenesulphonic acid PROSYNTH® <i>Acide amino-6-hydroxy-1-naphtalène-3-sulfonique / Acido 6-amino-1-hidroxi-3-naftaleno sulfónico</i> $\text{H}_2\text{NC}_{10}\text{H}_5(\text{OH})\text{SO}_3\text{H}$ $\text{C}_{10}\text{H}_9\text{NO}_4\text{S}$ $M = 239,25$ g/mol assay 95%	PF. 2923	100 g	31,50	26,80	25,20	23,65
64947	4-Amino-2-hydroxy-1-naphthalenesulphonic acid, diazotized PROSYNTH® <i>Acide amino-4-hydroxy-2-naphtalènesulfonique-1-diazoté / Acido 4-amino-2-hidroxi-1-naftalenosulfónico diazotado</i> $\text{C}_{10}\text{H}_8\text{N}_2\text{O}_4\text{S}$ $M = 250,23$ g/mol 2-Amino-3-hydroxypropanoic acid see L(+)-Serine	WG. 2928	500 g	47,—	39,95	37,60	36,20

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64448	2-Amino-3-hydroxypyridine PROSYNTH® <i>2-Amino-3-hydroxypyridine / 2-Amino-3-hidroxiipiridina</i> $N = C(NH_2)C(OH) = CHCH = CH$ $C_5H_6N_2O$ $M = 110,12$ g/mol assay 98% melting range 169–172 °C	WG. 2935	25 g	20,25	17,20	16,20	15,20
64416	6-Amino-2-hydroxypyridine PROSYNTH® <i>6-Amino-2-hydroxypyridine / 6-Amino-2-hidroxiipiridina</i> $N = C(OH)CH = CHCH = CNH_2$ $C_5H_6N_2O$ $M = 110,12$ g/mol assay 98% melting range 207–210 °C 4-Amino-3-hydroxytoluene see 6-Amino-m-cresol	WG. 2935	10 g	43,75	37,20	35,—	32,80
64415	5-Aminoindane PROSYNTH® <i>5-Aminoindane / 5-Aminoindano</i> $NH_2C_6H_3CH_2CH_2CH_2$ $C_9H_{11}N$ $M = 133,19$ g/mol assay 98% melting range 34–36 °C	WG. 2935	10 g	25,25	21,45	20,20	18,95
63229	5-Aminoindazole PROSYNTH® <i>5-Aminoindazole / 5-Aminoindazol</i> $NH_2C_6H_3NHN = CH$ $C_7H_7N_3$ $M = 133,15$ g/mol assay (ex N) 95% melting range 175–177 °C	WG. 2935	25 g	53,50	45,50	42,80	40,15
63228	6-Aminoindazole PROSYNTH® <i>6-Aminoindazole / 6-Aminoindazol</i> $NH_2C_6H_3NHN = CH$ $C_7H_7N_3$ $M = 133,15$ g/mol assay (ex N) 95% melting range 204–206 °C α-Amino-β-[indolyl-(3)]propionic acid see Tryptophan	WG. 2935	25 g	27,75	23,60	22,20	20,80
64412	2-Amino-5-iodobenzoic acid PROSYNTH® <i>Acide 2-amino-5-iodobenzoïque / Acido 2-amino-5-yodobenzóico</i> $NH_2C_6H_3(J)COOH$ $C_7H_6JNO_2$ $M = 263,03$ g/mol assay (alkalimetric) 98% melting range 205–210 °C (disint.)	WG. 2923	10 g	28,75	24,45	23,—	21,55
63948	4-Amino-2-iodotoluene PROSYNTH® <i>4-Amino-2-iodotoluène / 4-Amino-2-yodotolueno</i> $NH_2C_6H_3(J)CH_3$ C_7H_8JN $M = 233,05$ g/mol assay (ex N) 98% melting range 34–37 °C	FL. 2922	10 g	47,50	40,40	38,—	35,65
39049	5-Aminolevulinic acid hydrochloride BIOSYNTH® <i>Acide 5-aminolévulique chlorhydrate / Acido 5-aminolevulinico clorhidrato</i> $NH_2CH_2COCH_2CH_2COOH \cdot HCl$ $C_5H_{10}ClNO_3$ $M = 167,59$ g/mol assay (ex N) 99% ampoule of 500 mg 2-Amino-4-mercaptobutyric acid see DL-Homocysteine (R)-2-Amino-3-mercaptopropionic acid see L(+)-Cysteine Aminomethane see Methylamine solution	2923	1 pack	45,—	38,25	36,—	33,75

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			1x	6x	24x	96	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
33082	3-Aminomethylalizarin-N,N-diacetic acid dihydrate R. G., for spectrophotometric fluoride determination <i>Acide 3-aminométhylalizarine-N-N-diacétique dihydraté /</i> <i>Acido 3-aminometilalizarina-N,N-diacético dihidrato</i> $\text{COC}_6\text{H}_4\text{COC}_6\text{H}(\text{OH}_2)\text{CH}_2\text{N}(\text{CH}_2\text{COOH})_2 \cdot 2\text{H}_2\text{O}$ $\text{C}_{19}\text{H}_{15}\text{NO}_8 \cdot 2\text{H}_2\text{O}$ $M = 421,36 \text{ g/mol}$	FL. WG. 2923	1 g 5 g	33,25 146,50	28,25 124,55	26,60 117,20	24,9 109,9
63230	2-Amino-6-methylbenzothiazole PROSYNTH® <i>2-Amino-6-méthylbenzothiazole / 2-Amino-6-</i> <i>metilbenzotiazol</i> $\text{CH}_3\text{C}_6\text{H}_3\text{SC}(\text{NH}_2)=\text{N}$ $\text{C}_8\text{H}_8\text{N}_2\text{S}$ $M = 164,23 \text{ g/mol}$ assay (ex N) 97% melting range 136–138 °C 2-Amino-3-methylbutyric acid see L-Valine ω-Amino-3,4-methylenedioxytoluene see Piperonylamine 2-Aminomethylfurane see 2-Furfurylamine	WG. 2935	10 g	29,75	25,30	23,80	22,3
63232 A 8/35 C 3.3 1993 2 + 25 °C	2-Amino-4-methylhexane PROSYNTH® <i>2-Amino-4-méthylhexanne / 2-Amino-4-metilhexano</i> $\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}(\text{NH}_2)\text{CH}_3$ $\text{C}_7\text{H}_{17}\text{N}$ $M = 115,22 \text{ g/mol}$ $1 \text{ L} \approx 0,76 \text{ kg}$ assay (GC) 98% boiling range 130–135 °C refractive index (n_D^{20}) 1,415 (R)-2-Amino-4-methylmercaptobutyric acid see D-Methionine Aminomethylphenol see 4-Amino-m-cresol 2-Amino-4-methylphenol see 2-Amino-p-cresol	FL. 2922	50 ml	97,—	82,45	77,60	72,7
39493	2-Amino-2-methyl-1,3-propanediol BIOSYNTH® <i>Amino-2-méthyl-2-propanediol-1-3 / 2-Amino-2-metil-1,3-</i> <i>propanodiol</i> $(\text{HOCH}_2)_2\text{C}(\text{NH}_2)\text{CH}_3$ $\text{C}_4\text{H}_{11}\text{NO}_2$ $M = 105,14 \text{ g/mol}$	PF. 2923	1 kg	381,—	323,85	304,80	293,3
62081 A 3/4 + 71 °C	2-Amino-2-methyl-1-propanol PROSYNTH® <i>2-Amino-2-méthylpropanol-1 / 2-Amino-2-metilpropanol-1</i> $(\text{CH}_3)_2\text{C}(\text{NH}_2)\text{CH}_2\text{OH}$ $\text{C}_4\text{H}_{11}\text{NO}$ $M = 89,14 \text{ g/mol}$ $1 \text{ L} \approx 0,93 \text{ kg}$ assay 98% boiling range 163–165 °C refractive index (n_D^{20}) 1,448	FL. 2923	1 L	37,25	31,65	29,80	28,7
62082 A 6.1/210 C 6.1 2811 2	2-Amino-3-methylpyridine PROSYNTH® <i>2-Amino-3-méthylpyridine / 2-Amino-3-metilpiridina</i> $\text{N}=\text{C}(\text{NH}_2)\text{C}(\text{CH}_3)=\text{CHCH}=\text{CH}$ $\text{C}_6\text{H}_8\text{N}_2$ $M = 108,14 \text{ g/mol}$ assay (GC) 98% melting range 29–32 °C	FL. 2935	100 g	53,—	45,05	42,40	39,7
62083 A 6.1/21 C 6.1 2811 2	2-Amino-4-methylpyridine PROSYNTH® <i>2-Amino-4-méthylpyridine / 2-Amino-4-metilpiridina</i> $\text{N}=\text{CH}(\text{NH}_2)\text{CH}=\text{CH}(\text{CH}_3)\text{CH}=\text{CH}$ $\text{C}_6\text{H}_8\text{N}_2$ $M = 108,14 \text{ g/mol}$ assay (GC) 98% melting range 96–99 °C	WG. 2935	100 g	48,—	40,80	38,40	36,—
62084 A 6.1/21 C 6.1 2811 2	2-Amino-5-methylpyridine PROSYNTH® <i>2-Amino-5-méthylpyridine / 2-Amino-5-metilpiridina</i> $\text{N}=\text{C}(\text{NH}_2)\text{CH}=\text{CHC}(\text{CH}_3)=\text{CH}$ $\text{C}_6\text{H}_8\text{N}_2$ $M = 108,14 \text{ g/mol}$ assay (GC) 98% melting range 74–77 °C	WG. 2935	10 g	37,25	31,65	29,80	27,9

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						(1 Box)	(4 Boxes)	(16 Boxes)
62085	2-Amino-6-methylpyridine PROSYNTH®		WG.	100 g	32,25	27,40	25,80	24,20
A 6.1/21	<i>2-Amino-6-méthylpyridine / 2-Amino-6-metilpiridina</i>		2935					
C 6.1 2811 2	$\text{N} = \text{C}(\text{NH}_2)\text{CH} = \text{CHCH} = \text{CCH}_3$ $\text{C}_6\text{H}_8\text{N}_2 \quad M = 108,14 \text{ g/mol}$ assay (GC) 98 % melting range 39—42 °C							
63235	2-Amino-4(6)-methylpyrimidine PROSYNTH®		WG.	10 g	21,75	18,50	17,40	16,30
	<i>2-Amino-4(6)-méthylpyrimidine / 2-Amino-4(6)-metilpirimidina</i>		2935					
	$\text{N} = \text{C}(\text{NH}_2)\text{N} = \text{C}(\text{CH}_3)\text{CH} = \text{CH}$ $\text{C}_5\text{H}_7\text{N}_3 \quad M = 109,13 \text{ g/mol}$ assay (ex N) 98 % melting range 158—160 °C							
65199	2-Aminonaphthalenecarboxylic-3 acid PROSYNTH®		PF.	50 g	price on request			
	<i>Acide amino-2-naphtalène-3-carboxylique / Acido 2-aminonaftalenocarboxilico-3</i>		2923					
	$\text{C}_6\text{H}_4\text{CH} = \text{C}(\text{NH}_2)\text{C}(\text{COOH}) = \text{CH}$ $\text{C}_{11}\text{H}_9\text{NO}_2 \quad M = 187,20 \text{ g/mol}$ melting range 212—214 °C							
65059	3,6-Amino-1-naphthalenedisulphonic acid PROSYNTH®		WG.	250 g	31,25	26,55	25,—	23,45
	<i>Acide amino-3-6-naphtalènedisulfonique-1 / Acido 3,6-aminonaftaleno-1-disulfónico</i>		2922					
	$\text{NH}_2\text{C}_{10}\text{H}_5(\text{SO}_3\text{H})_2$ $\text{C}_{10}\text{H}_9\text{NO}_6\text{S}_2 \quad M = 303,32 \text{ g/mol}$							
65060	4-Amino-1-naphthalenesulphonic acid PROSYNTH®		WG.	50 g	28,25	24,—	22,60	21,20
	<i>Acide amino-4-naphtalènesulfonique-1 / Acido 4-aminonaftaleno-1-sulfónico</i>		2922					
	$\text{NH}_2\text{C}_{10}\text{H}_6\text{SO}_3\text{H}$ $\text{C}_{10}\text{H}_9\text{NO}_3\text{S} \quad M = 223,25 \text{ g/mol}$ assay (alkalimetric) 97 %							
65061	5-Amino-1-naphthalenesulphonic acid PROSYNTH®		WG.	100 g	17,—	14,45	13,60	12,75
	<i>Acide amino-5-naphtalènesulfonique-1 / Acido 5-aminonaftaleno-1-sulfónico</i>		2922					
	$\text{NH}_2\text{C}_{10}\text{H}_6\text{SO}_3\text{H}$ $\text{C}_{10}\text{H}_9\text{NO}_3\text{S} \quad M = 223,25 \text{ g/mol}$ assay (alkalimetric) 98 %							
65062	7-Amino-1-naphthalenesulphonic acid PROSYNTH®		WG.	100 g	41,25	35,05	33,—	30,95
	<i>Acide amino-7-naphtalènesulfonique-1 / Acido 7-aminonaftaleno-1-sulfónico</i>		2922					
	$\text{NH}_2\text{C}_{10}\text{H}_6\text{SO}_3\text{H}$ $\text{C}_{10}\text{H}_9\text{NO}_3\text{S} \quad M = 223,25 \text{ g/mol}$ assay (alkalimetric) 97 %							
63236	1-Amino-7-naphthol PROSYNTH®		WG.	25 g	31,25	26,55	25,—	23,45
	<i>1-Amino-7-naphtol / 1-Amino-7-naftol</i>		2923					
	$\text{HOC}_{10}\text{H}_6\text{NH}_2$ $\text{C}_{10}\text{H}_9\text{NO} \quad M = 159,19 \text{ g/mol}$ assay (ex N) 96 % melting range 206—207 °C							
65200	2-Amino-6-naphthol PROSYNTH®		PF.	25 g	price on request			
	<i>2-Amino-6-naphtol / 2-Amino-6-naftol</i>		2923					
	$\text{HOC}_{10}\text{H}_6\text{NH}_2$ $\text{C}_{10}\text{H}_9\text{NO} \quad M = 159,19 \text{ g/mol}$ melting range 202—205 °C							

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64426	8-Amino-1-naphthol-3,6-disulphonic acid monosodium salt <i>Acide 8-amino-1-naphtol-3-6-disulfonique sel monosodique / Acido 3,6-disulfónico-8-amino-1-naftol sal monosódica</i> $\text{NH}_2\text{C}_{10}\text{H}_4(\text{OH})(\text{SO}_3\text{H})\text{SO}_3\text{Na}$ $\text{C}_{10}\text{H}_8\text{NNaO}_7\text{S}_2$ $M = 341,30$ g/mol assay (alkalimetric) 80%	WG. 2923	100 g	16,50	14,05	13,20	12,...
64274 A 6.1/21 C 6.1 1655 3	6-Aminonicotinamide PROSYNTH® <i>Amide amino-6-nicotinique / Acido 6-aminonicotínico amida</i> $\text{N} = \text{C}(\text{NH}_2)\text{CH} = \text{CHC}(\text{CONH}_2) = \text{CH}$ $\text{C}_6\text{H}_7\text{N}_3\text{O}$ $M = 137,14$ g/mol assay 99% melting range 246–248 °C	WG. 2935	5 g	53,—	45,05	42,40	39,7
64910	2-Amino-4-nitrobenzoic acid PROSYNTH® <i>Acide amino-2-nitro-4-benzoïque / Acido 2-amino-4-nitrobenzóico</i> $\text{H}_2\text{NC}_6\text{H}_3(\text{NO}_2)\text{COOH}$ $\text{C}_7\text{H}_5\text{N}_2\text{O}_4$ $M = 182,14$ g/mol assay (HPLC) 99% melting range 267–268 °C (disint.)	WG. 2923	100 g	55,50	47,20	44,40	41,6
61459 A 6.1/21K C 6.1 2811 2	2-Amino-5-nitrobenzotrifluoride PROSYNTH® <i>2-Amino-5-nitrobenzotrifluorure / 2-Amino-5-nitrobenzotrifluoruro</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{CF}_3$ $\text{C}_7\text{H}_5\text{F}_3\text{N}_2\text{O}_2$ $M = 206,12$ g/mol assay (HPLC) 98% melting range 90–92 °C	WG. 2922	10 g	23,75	20,20	19,—	17,8
	 R: 23/24/25 S: 44 disposal: 7						
61216 A 6.1/21F C 6.1 2811 2	4-Amino-3-nitrobenzotrifluoride PROSYNTH® <i>4-Amino-3-nitrobenzotrifluorure / 4-Amino-3-nitrobenzotrifluoruro</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{CF}_3$ $\text{C}_7\text{H}_5\text{F}_3\text{N}_2\text{O}_2$ $M = 206,12$ g/mol assay (HPLC) 98% melting range 105–106 °C	WG. 2922	10 g	33,75	28,70	27,—	25,30
	 R: 23/24/25 S: 44 disposal: 7						
	L-2-Amino-5-N'-nitroguanidinovaleric acid see N ^ω -Nitro-L-arginine						
64439 A 6.1/21L C 6.1 2811 3	2-Amino-4-nitrophenol PROSYNTH® <i>2-Amino-4-nitrophénol / 2-Amino-4-nitrofenol</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{OH}$ $\text{C}_6\text{H}_6\text{N}_2\text{O}_3$ $M = 154,13$ g/mol assay 99% melting range 143–145 °C	WG. 2923	25 g	19,75	16,80	15,80	14,80
	 R: 20/21/22 S: 28 disposal: 11						
64440 A 6.1/21L C 6.1 2811 3	2-Amino-5-nitrophenol PROSYNTH® <i>2-Amino-5-nitrophénol / 2-Amino-5-nitrofenol</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{OH}$ $\text{C}_6\text{H}_6\text{N}_2\text{O}_3$ $M = 154,13$ g/mol assay (HPLC) 95% melting range 199–202 °C	WG. 2923	25 g	12,50	10,65	10,—	9,40
	 R: 20/21/22 S: 28 disposal: 11						

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63237 A 6.1/21 C 6.1 2811 2	2-Amino-5-nitropyridine PROSYNTH® <i>2-Amino-5-nitropyridine / 2-Amino-5-nitropiridina</i> $N=C(NH_2)CH=CHC(NO_2)=CH$ $C_5H_5N_3O_2$ $M=139,11$ g/mol assay (HPLC) 98% melting range 186–188 °C 1-Aminononane see Nonylamine 1-Aminooctadecane see Octadecylamine 1-Aminooctane see Octylamine	WG. 2935	25 g	58,—	49,30	46,40	43,50
64211 A 3/3 C 3.3 1993 2 +49 °C	2-Aminooctane PROSYNTH® <i>Amino-2-octane / 2-Aminooctano</i> $CH_3(CH_2)_5CH(NH_2)CH_3$ $C_8H_{19}N$ $M=129,24$ g/mol $1\text{ L} \approx 0,77$ kg assay (GC) 99% boiling range 163–165 °C refractive index (n_D^{20}) 1,424	FL. 2922	25 ml	35,50	30,20	28,40	26,65
64443	6-Aminopenicillanic acid PROSYNTH® <i>Acide amino-6-pénicillanique / Acido amino-6-penicilánico</i> $C_8H_{12}N_2O_3S$ $M=216,26$ g/mol assay (ex S) 98% melting range 206–208 °C (disint.) 1-Aminopentane see Pentylamine 2-Aminopentane see 1-Methylbutylamine 2-Aminopentanedioic acid see Glutamic acid	FL. 2935	1 g	13,25	11,25	10,60	9,95
64446	5-Amino-1-pentanol PROSYNTH® <i>5-Amino-1-pentanol / 5-Amino-1-pentanol</i> $NH_2(CH_2)_5OH$ $C_5H_{13}NO$ $M=103,16$ g/mol assay 97% melting range 33–35 °C 4-Aminophenazone see 1-Phenyl-2,3-dimethyl-4-aminopyrazolone-(5)	WG. 2923	25 g	23,—	19,55	18,40	17,25
60032 A 6.1/210 C 6.1 2512 3	2-Aminophenol PROSYNTH® <i>2-Aminophénol / 2-Aminofenol</i> $C_6H_4(OH)(NH_2)$ C_6H_7NO $M=109,13$ g/mol assay 99% melting range 172–174 °C  R: 20/21/22 S: 28 disposal: 6	WG. WG. 2923	250 g 1 kg	20,75 69,—	17,65 58,65	16,60 55,20	15,55 53,15
60033 A 6.1/210 C 6.1 2512 3	3-Aminophenol PROSYNTH® <i>3-Aminophénol / 3-Aminofenol</i> $C_6H_4(OH)(NH_2)$ C_6H_7NO $M=109,13$ g/mol assay 99% melting range 121–123 °C  R: 20/21/22 S: 28 disposal: 6	WG. WG. 2923	250 g 1 kg	26,75 89,50	22,75 76,10	21,40 71,60	20,05 68,90
35837 A 6.1/210 C 6.1 2512 3	4-Aminophenol min. 99% PESTANAL® <i>4-Aminophénol / 4-Aminofenol</i> $HOC_6H_4NH_2$ C_6H_7NO $M=109,13$ g/mol  R: 20/21/22 S: 28 disposal: 6	FL. 2923	5 g	19,50	16,60	15,60	14,65

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.




Price per
package DM

1x
(1 Box)

6x
(4 Boxes)




24x
(16 Boxes)

96x
(16 Boxes)

50034	4-Aminophenol PROSYNTH® <i>4-Aminophénol / 4-Aminofenol</i> $C_6H_4(OH)(NH_2)$ C_6H_7NO $M = 109,13$ g/mol assay 98% melting range 185–187 °C  R: 20/21/22 S: 28 disposal: 6	PF. PF. 2923	250 g 1 kg	22,50 74,—	19,15 62,90	18,— 59,20	16,9 57,—
62662	4-Aminophenol hydrochloride PROSYNTH® <i>4-Aminophénol chlorhydrate / 4-Aminofenol clorhidrato</i> $C_6H_4(OH)(NH_2) \cdot HCl$ C_6H_8ClNO $M = 145,59$ g/mol assay 99% melting range 300–305 °C (disint.)  R: 20/21/22 S: 28 disposal: 7	WG. WG. 2923	100 g 1 kg	19,75 153,—	16,80 130,05	15,80 122,40	14,8 117,8
64525	2-Aminophenol-4-sulphonic acid PROSYNTH® <i>Acide 2-aminophénol-4-sulfonique / Acido 2-aminofenol-4-sulfónico</i> $NH_2C_6H_3(OH)SO_3H$ $C_6H_7NO_4S$ $M = 189,19$ g/mol assay (alkalimetric) 90%  R: 20/21/22 S: 28 disposal: 6	WG. 2923	250 g	31,50	26,80	25,20	23,65
60414	4-Aminophenylacetic acid PROSYNTH® <i>Acide 4-aminophénylacétique / Acido 4-aminofenilacético</i> $NH_2C_6H_4CH_2COOH$ $C_8H_9NO_2$ $M = 151,16$ g/mol assay (alkalimetric) 99% melting range 200–202 °C (disint.) 2-Aminophenylarsonic acid see 2-Arsanilic acid 1-(2-Aminophenyl)-ethanone-(1) see 2-Aminoacetophenone 1-(3-Aminophenyl)-ethanone-(1) see 3-Aminoacetophenone 1-(4-Aminophenyl)-ethanone-(1) see 4-Aminoacetophenone	PF. PF. 2923	† 10 g 50 g	18,— 75,—	15,30 63,75	60,—	56,25
33077	Bis-(4-aminophenyl)-1,3,4-oxadiazole (BAO) for microscopy <i>BAO / BAO</i> $QC(C_6H_4NH_2) = NN = \overline{C}C_6H_4NH_2$ $C_{14}H_{12}N_4O$ $M = 252,28$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera 2-Amino-3-phenylpropionic acid see L-Phenylalanine	FL. 2935	1 g	18,—	15,30	14,40	13,50
64524	3-Amino-1-phenyl-5-pyrazolone PROSYNTH® <i>3-Amino-1-phényl-5-pyrazolone / 3-Amino-1-fenil-5-pirazolona</i> $C_6H_5NN = C(NH_2)CH_2CO$ $C_9H_9N_3O$ $M = 175,19$ g/mol assay (ex N) 98% melting range 219–221 °C (disint.) keep cool à stocker au frais consérvese frio	WG. 2935	10 g	18,50	15,75	14,80	13,90
62078	5-Amino iso-phthalic acid PROSYNTH® <i>Acide 5-amino iso-phthalique / Acido 5-amino iso-ftálico</i> $NH_2C_6H_3(COOH)_2$ $C_8H_7NO_4$ $M = 181,15$ g/mol assay 94% water (according to Karl Fischer) 5%	PF. 2923	250 g	91,50	77,80	73,20	68,65

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64522	N-Aminophthalimide PROSYNTH® <i>N-Aminophthalimide / N-Aminoftalimida</i> $C_6H_4CON(NH_2)CO$ $C_8H_6N_2O_3$ $M = 178,15$ g/mol assay (ex N) 97% melting range 199—202 °C	WG. 2926	25 g	35,—	29,75	28,—	26,25
63238	DL-2-Aminopimelic acid PROSYNTH® <i>Acide DL-2-aminopimélique / Acido DL-2-aminopimélico</i> $HOOC(CH_2)_4CH(NH_2)COOH$ $C_7H_{13}NO_4$ $M = 175,18$ g/mol assay (ex N) 97%	FL. 2923	1 g	36,25	30,80	29,—	27,20
Aminopropane see Propylamine							
62087 A 8/35 C 8 1760 2	1-Aminopropanol-(2) PROSYNTH® <i>1-Aminopropanol-(2) / 1-Aminopropanol-(2)</i> $H_2NCH_2CH(OH)CH_3$ C_3H_9NO $M = 75,11$ g/mol $1\text{ L} \approx 0,96$ kg assay (GC) 98% boiling range 158—160 °C refractive index (n_D^{20}) 1,448	FL. 2923	1 L	25,50	21,70	20,40	19,65
62089	3-Aminopropanol-(1) PROSYNTH® <i>3-Aminopropanol-(1) / 3-Aminopropanol-(1)</i> $HO(CH_2)_3NH_2$ C_3H_9NO $M = 75,11$ g/mol $1\text{ L} \approx 0,99$ kg assay (GC) 99% boiling range 187—188 °C refractive index (n_D^{20}) 1,461	FL. 2923	250 ml	21,50	18,30	17,20	16,15
3-Aminopropene-(1) see Allylamine							
3-Aminopropionic see β-Alanine							
2-Aminopropionic acid see L-Alanine							
63239	N-(3-Aminopropyl)morpholine PROSYNTH® <i>N-(3-Aminopropyl)morpholine / N-(3-Aminopropil)morfolina</i> $CH_2CH_2OCH_2CH_2N(CH_2)_3NH_2$ $C_7H_{16}N_2O$ $M = 144,22$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 98% boiling range (at 67 mbar) 132—134 °C refractive index (n_D^{20}) 1,476	FL. 2935	100 ml	33,25	28,25	26,60	24,95
6-Aminopurine see Adenine							
64277	2-Aminopyrazine PROSYNTH® <i>Amino-2-pyrazine / 2-Aminopiracina</i> $N=CHCH=NCH=CNH_2$ $C_4H_5N_3$ $M = 95,10$ g/mol assay 99% melting range 118—120 °C	WG. 2935	10 g	26,75	22,75	21,40	20,05
64518	3-Aminopyrazinecarboxylic acid PROSYNTH® <i>Acide 3-aminopyrazinecarboxylique / Acido 3-aminopirazinacarboxílico</i> $HOOC\text{—}C=NCH=CHN=CNH_2$ $C_5H_5N_3O_2$ $M = 139,11$ g/mol assay 97% melting range 205—210 °C (disint)	WG. 2935	5 g	41,25	35,05	33,—	30,95
63240 A 6.1/21G C 6.1 2811 2	3-Aminopyrene PROSYNTH® <i>3-Aminopyrène / 3-Aminopireno</i> $C_{16}H_{11}N$ $M = 217,27$ g/mol assay (HPLC) 95% melting range 114—116 °C	FL. 2922	1 g	93,—	79,05	74,40	69,75

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
62090	2-Aminopyridine PROSYNTH® A 6.1/21 <i>2-Aminopyridine / 2-Aminopiridina</i> C 6.1 2811 2 $\text{N}=\text{C}(\text{NH}_2)\text{CH}=\text{CHCH}=\text{CH}$ $\text{C}_5\text{H}_6\text{N}_2$ $M=94,12$ g/mol assay (GC) 98% melting range 57–59 °C	WG. 2935	250 g	41,—	34,85	32,80	30,7
62091	3-Aminopyridine PROSYNTH® A 6.1/21 <i>3-Aminopyridine / 3-Aminopiridina</i> C 6.1 2811 2 $\text{N}=\text{CHC}(\text{NH}_2)=\text{CHCH}=\text{CH}$ $\text{C}_5\text{H}_6\text{N}_2$ $M=94,12$ g/mol assay (GC) 98% melting range 61–63 °C	WG. 2935	25 g	24,75	21,05	19,80	18,5
62092	4-Aminopyridine PROSYNTH® A 6.1/21 <i>4-Aminopyridine / 4-Aminopiridina</i> C 6.1 2811 3 $\text{N}=\text{CHCH}=\text{C}(\text{NH}_2)\text{CH}=\text{CH}$ $\text{C}_5\text{H}_6\text{N}_2$ $M=94,12$ g/mol assay (GC) 98% melting range 158–160 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	50 g	90,—	76,50	72,—	67,50
64278	2-Aminopyrimidine PROSYNTH® A 6.1/21 <i>Amino-2-pyrimidine / 2-Aminopirimidina</i> C 6.1 2811 2 $\text{N}=\text{C}(\text{NH}_2)\text{N}=\text{CHCH}=\text{CH}$ $\text{C}_4\text{H}_5\text{N}_3$ $M=95,10$ g/mol assay 98% melting range 124–126 °C	WG. 2935	100 g	34,25	29,10	27,40	25,70
64495	4-Aminoquinaldine PROSYNTH® <i>Amino-4-quinaldine / 4-Aminoquinaldina</i> $\text{C}_6\text{H}_4\text{N}=\text{C}(\text{CH}_3)\text{CH}=\text{CNH}_2$ $\text{C}_{10}\text{H}_{10}\text{N}_2$ $M=158,20$ g/mol assay (HPLC) 98% melting range 163–165 °C	WG. 2922	25 g	31,25	26,55	25,—	23,45
64267	8-Aminoquinoline PROSYNTH® <i>Amino-8-quinoléine / 8-Aminoquinoleína</i> $\text{NH}_2\text{C}_6\text{H}_3\text{N}=\text{CHCH}=\text{CH}$ $\text{C}_9\text{H}_8\text{N}_2$ $M=144,18$ g/mol assay (HPLC) 98% melting range 63–65 °C	WG. 2935	10 g	101,50	86,30	81,20	76,15
p-Aminosalicylic acid see 4-Amino-2-hydroxybenzoic acid							
Aminosuccinic acid see Aspartic acid							
Aminosulphonic acid ammonium salt see Ammonium sulphamidate							
Aminosulphonic acid nickel combination see Nickel sulphamate solution							
Aminosulphuric acid see Sulphamic acid							
65201	5-Amino-1,2,3,4-tetrahydronaphthalene PROSYNTH® 112 °C <i>Amino-5-tétrahydro-1-2-3-4-naphtalène / 5-Amino-1,2,3,4-tetrahidronaftaleno</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{CH}_2)_3\text{CH}_2$ $\text{C}_{10}\text{H}_{13}\text{N}$ $M=147,22$ g/mol 1 L ≈ 1,05 kg boiling range (at 4 mbar) 120–121 °C	FL. 2922	100 ml	price on request			
63241	5-Aminotetrazole monohydrate PROSYNTH® <i>Amino-5-tétrazole monohydrate / 5-Aminotetrazol monohidrato</i> $\text{NHN}=\text{NN}=\text{CNH}_2 \cdot \text{H}_2\text{O}$ $\text{CH}_3\text{N}_5 \cdot \text{H}_2\text{O}$ $M=103,08$ g/mol assay (ex N) 95% melting range 200–204 °C (disint.)	WG. 2935	25 g	30,75	26,15	24,60	23,05

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
39428	5-Aminotetrazole monohydrate BIOSYNTH® <i>Amino-5-tétrazole monohydrate / 5-Aminotetrazol monohidrato</i> $\text{NHN}=\text{NN}=\text{CNH}_2 \cdot \text{H}_2\text{O}$ $\text{CH}_3\text{N}_5 \cdot \text{H}_2\text{O}$ $M = 103,08 \text{ g/mol}$	WG. 2935	25 g	26,25	22,30	21,—	19,70
60037	2-Aminothiazole PROSYNTH® <i>2-Aminothiazole / 2-Aminotiazol</i> $\text{CH}=\text{CHN}=\text{C}(\text{NH}_2)\text{S}$ $\text{C}_3\text{H}_4\text{N}_2\text{S}$ $M = 100,14 \text{ g/mol}$ assay 97% melting range 89—91 °C	PF. PF. 2935	250 g 1 kg	51,50 172,—	43,80 146,20	41,20 137,60	38,65 132,45
62093	2-Aminothiazoline PROSYNTH® <i>2-Aminothiazoline / 2-Aminotiazolina</i> $\text{SC}(\text{NH}_2)=\text{NCH}_2\text{CH}_2$ $\text{C}_3\text{H}_6\text{N}_2\text{S}$ $M = 102,16 \text{ g/mol}$ assay 98% melting range 78—80 °C	WG. 2935	10 g	34,—	28,90	27,20	25,50
Aminotoluene see Toluidine							
63243	3-Amino-1,2,4-triazole PROSYNTH® <i>3-Amino-1-2-4-triazole / 3-Amino-1,2,4-triazol</i> $\text{N}=\text{CHNHN}=\text{CNH}_2$ $\text{C}_2\text{H}_4\text{N}_4$ $M = 84,08 \text{ g/mol}$ assay 98% melting range 148—151 °C <div>  <div> R: 20/21/22 S: 2-13 disposal: 17 </div> </div>	WG. 2935	250 g	64,—	54,40	51,20	48,—
39344	4-Aminouracil BIOSYNTH® <i>4-Aminouracile / 4-Aminouracilo</i> $\text{N}=\text{C}(\text{OH})\text{N}=\text{CHC}(\text{NH}_2)=\text{COH}$ $\text{C}_4\text{H}_5\text{N}_3\text{O}_2$ $M = 127,10 \text{ g/mol}$	WG. 2935	10 g	14,25	12,10	11,40	10,70
39196	5-Aminouracil BIOSYNTH® <i>5-Aminouracile / 5-Aminouracilo</i> $\text{NHCONHCOCH}=\text{CNH}_2$ $\text{C}_4\text{H}_5\text{N}_3\text{O}_2$ $M = 127,10 \text{ g/mol}$ assay (UV) 98% log ϵ_{290} (pH 7) 3,78	WG. 2935	25 g	47,—	39,95	37,60	35,25
2-Amino-5-ureidovaleric acid see L(+) -Citrulline							
35701	Amitrole min. 99% PESTANAL® (3-Amino-1,2,4-triazole) $\text{HC}=\text{NN}=\text{C}(\text{NH}_2)\text{NH}$ $\text{C}_2\text{H}_4\text{N}_4$ $M = 84,08 \text{ g/mol}$ <div>  <div> R: 20/21/22 S: 2-13 disposal: 7 </div> </div>	FL. 2935	1 g	21,50	18,30	17,20	16,15
Ammonia buffer solution see Buffer solutions ready-for-use							
05002 C 8 2672 3	Ammonia solution about 32% NH₃, chem. pure <i>Ammoniaque en solution / Amoníaco en solución</i> NH_3 $M = 17,03 \text{ g/mol}$ 1 L ≈ 0,89 kg assay 32% non-volatile matter 0,002% iron (Fe) 0,0001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,0002% sulphate (SO ₄) 0,002% <div>  <div> R: 36/37/38 S: 2-26 disposal: 3 </div> </div>	FL. FL. FPF. FPF. FPF. 2816	1 L 2,5 L 50 kg 5x 10x	12,— 25,— kg kg kg	10,20 20,75 3,25 3,— 2,85	9,60 19,50	9,25 18,75

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

30501 Ammonia solution about 25% NH₃ R. G., Reag. ISO, Reag.
C 8 2672 3 Ph. Eur. I
Ammoniaque en solution / Amoniaco en solución

NH₃ M = 17,03 g/mol 1 L ≈ 0,91 kg

assay min. 25%
non-volatile matter max. 0,002%
lead (Pb) max. 0,000005%
cadmium (Cd) max. 0,00001%
calcium (Ca) max. 0,0001%
iron (Fe) max. 0,00001%
potassium (K) 0,0001%
copper (Cu) max. 0,00001%
magnesium (Mg) max. 0,0001%
sodium (Na) max. 0,0001%
zinc (Zn) max. 0,00002%
carbonate (as CO₂) max. 0,001%
chloride (Cl) max. 0,00004%
phosphate (PO₄) max. 0,0001%
sulphate (SO₄) max. 0,0002%
sulphide (S) max. 0,00002%
KMnO₄ reducing matters (as O) max. 0,0005%
pyridine max. 0,00005%



R: 36/37/38 S: 2-26
disposal: 3

FL.	1 L	12,—	10,20	9,35	8,9
FL.	2,5 L	24,25	20,15	18,90	18,2
PK.	5 L	44,—	36,50	34,30	33,—
FPP.	50 kg	kg	3,40		
FPP.	5x	kg	3,15		

2816

17922 Ammonia solution min. 25% NH₃ MOS PURANAL® particle
C 8 2672 3 class 0—21
Ammoniaque en solution / Amoniaco en solución

NH₃ M = 17,03 g/mol 1 L ≈ 0,91 kg

assay min. 25%
non-volatile matter max. 10 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,05 ppm
arsenic (As) max. 0,05 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,5 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
carbonat (CO₂) max. 10 ppm
chloride (Cl) max. 0,5 ppm
phosphate (PO₄) max. 0,5 ppm
sulphate (SO₄) max. 2 ppm
matters reducing KMnO₄ (as O) max. 5 ppm



R: 36/37/38 S: 2-26
disposal: 3

FL. 2,5 L price on request
2816

17814
C 8 2672 3

Ammonia solution min. 25% NH₃, PURANAL®
Ammoniaque en solution / Amoniaco en solución

NH₃ M = 17,03 g/mol

1 L ≈ 0,91 kg

assay

min. 25%

non-volatile matter

max. 10 ppm

aluminium (Al)

max. 0,05 ppm

antimony (Sb)

max. 0,05 ppm

arsenic (As)

max. 0,05 ppm

barium (Ba)

max. 0,1 ppm

beryllium (Be)

max. 0,01 ppm

lead (Pb)

max. 0,02 ppm

boron (B)

max. 0,02 ppm

cadmium (Cd)

max. 0,01 ppm

calcium (Ca)

max. 0,2 ppm

chromium (Cr)

max. 0,01 ppm

iron (Fe)

max. 0,1 ppm

gallium (Ga)

max. 0,02 ppm

gold (Au)

max. 0,02 ppm

indium (In)

max. 0,02 ppm

potassium (K)

max. 0,1 ppm

cobalt (Co)

max. 0,01 ppm

copper (Cu)

max. 0,01 ppm

lithium (Li)

max. 0,02 ppm

magnesium (Mg)

max. 0,1 ppm

manganese (Mn)

max. 0,01 ppm

molybdenum (Mo)

max. 0,01 ppm

sodium (Na)

max. 0,5 ppm

nickel (Ni)

max. 0,01 ppm

platinum (Pt)

max. 0,02 ppm

silver (Ag)

max. 0,02 ppm

strontium (Sr)

max. 0,02 ppm

thallium (Tl)

max. 0,02 ppm

titanium (Ti)

max. 0,01 ppm

vanadium (V)

max. 0,01 ppm

bismuth (Bi)

max. 0,02 ppm

zinc (Zn)

max. 0,05 ppm

tin (Sn)

max. 0,02 ppm

zirconium (Zr)

max. 0,01 ppm

carbonate (CO₂)

max. 10 ppm

chloride (Cl)

max. 0,5 ppm

phosphate (PO₄)

max. 0,5 ppm

sulphate (SO₄)

max. 2 ppm

KMnO₄ red. matter (as O)

max. 5 ppm



R: 36/37/38 S: 2-26

disposal: 3

05003
C 8 2672 3

Ammonia solution about 25% NH₃, chem. pure
Ammoniaque en solution / Amoniaco en solución

NH₃ M = 17,03 g/mol

1 L ≈ 0,91 kg

assay

25%

non-volatile matter

0,002%

iron (Fe)

0,0001%

heavy metals (as Pb)

0,0005%

chloride (Cl)

0,0002%

sulphate (SO₄)

0,002%



R: 36/37/38 S: 2-26

disposal: 3

09034
C 8 2672 3

Ammonia solution-d₃ (20% in D₂O) deuteration degree not less than 99 atom% D
Ammoniaque-d₃ en solution / Amoniaco-d₃ en solución

ND₃ M = 20,01 g/mol

1 L ≈ 1,00 kg



R: 36/37/38 S: 2-26

disposal: 3

Ammoniated mercury see Mercury(II) amidochloride

FL.
FPF.
2816

2,5 L
50 kg

price on request
price on request

FL.
FL.
PK.
FPF.
FPF.
FPF.
FPF.
2816

1 L
2,5 L
5 L
50 kg
5x
10x
20x

11,50
23,75
43,—
kg
kg
kg
kg

9,80
19,70
35,70
2,60
2,40
2,25
2,10

9,20
18,55
33,55

8,85
17,80
32,25

A.
2851







10 ml

56,50
48,04
45,20
42,40

32301	Ammonium acetate R. G., Reag. ACS Reag. ISO, Reag. Ph. Eur. I <i>Ammonium acétate / Amonio acetato</i> $\text{CH}_3\text{COONH}_4$ $\text{C}_2\text{H}_7\text{NO}_2$ $M = 77,08$ g/mol assay min. 98% insoluble in water max. 0,002% sulphated ash max. 0,01% pH (5%, 20 °C) 6,7—7,3 calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,0002% heavy metals (as Pb) max. 0,0004% chloride (Cl) max. 0,0005% nitrate (NO_3) max. 0,001% sulphate (SO_4) max. 0,001% KMnO_4 red. matters (as HCOOH) max. 0,05%	PF. PF. PF. FTP. 2914	500 g 1 kg 2,5 kg 50 kg kg	15,50 25,— 53,— kg 9,25	13,20 21,25 44,— 9,25	12,40 20,— 41,35	11,— 19,— 39,—
25006	Ammonium acetate chem. pure cryst. <i>Ammonium acétate / Amonio acetato</i> $\text{CH}_3\text{COONH}_4$ $\text{C}_2\text{H}_7\text{NO}_2$ $M = 77,08$ g/mol assay 97% sulphated ash 0,005% pH (5%, 20 °C) 6,0—7,5 iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% chloride (Cl) 0,001% sulphate (SO_4) 0,005%	PF. PF. S. S. 2914	1 kg 2,5 kg 50 kg 5x kg	20,— 42,— kg kg 6,—	17,— 34,85 6,55 6,—	16,— 32,75	15,4 31,5
25019	Ammonium acetate pure cryst. <i>Ammonium acétate / Amonio acetato</i> $\text{CH}_3\text{COONH}_4$ $\text{C}_2\text{H}_7\text{NO}_2$ $M = 77,08$ g/mol assay 97% pH (5%, 20 °C) 6,5—7,5 iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,005%	PF. S. 2914	1 kg 50 kg	15,— price on request	12,75 12,—	11,5	
25007	Ammonium acetate technical <i>Ammonium acétate / Amonio acetato</i> $\text{CH}_3\text{COONH}_4$ $\text{C}_2\text{H}_7\text{NO}_2$ $M = 77,08$ g/mol assay 97% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,02% sulphate (SO_4) 0,01%	PF. PF. S. 2914	1 kg 2,5 kg 50 kg	15,50 31,75 price on request	13,20 26,35	12,40 24,75	11,95 23,80
31101	Ammonium aluminium sulphate-12-hydrate R. G. <i>Ammonium-aluminium sulfate-12-hydrate / Amonio y</i> <i>aluminio sulfato-12-hidrato</i> $\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ $M = 453,33$ g/mol assay min. 99% insoluble in water max. 0,005% arsenic (As) max. 0,0001% iron (Fe) max. 0,0005% potassium (K) max. 0,005% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,001% nitrate (NO_3) max. 0,002%	PF. PF. FTP. 2838	500 g 1 kg 50 kg kg	16,25 29,50 kg 12,—	13,80 25,10 12,—	13,— 23,60	12,50 22,70
	Ammonium aminosulphate see Ammonium sulphamidate Ammonium bicarbonate see Ammonium hydrogen carbonate Ammonium bichromate see Ammonium dichromate Ammonium bifluoride see Ammonium hydrogen fluoride Ammonium biphosphate see Ammonium dihydrogen phosphate						

Code-Number a) RID/ADR b) GGVE/GGVS c) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
10301	Ammonium bismuth citrate <i>Ammonium-bismuth citrate / Amonio y bismuto citrato</i> $C_{24}H_{20}Bi_4O_{28} \cdot 6NH_3 \cdot 10H_2O$ $M = \text{ca. } 1875 \text{ g/mol}$ assay of Bi 43–46% Ammonium bisulphite solution see Ammonium hydrogen sulphite solution Ammonium borate see Ammonium pentaborate Ammonium borofluoride see Ammonium fluoroborate	PF. PF. 2916	100 g 250 g	29,50 66,50	25,10 56,55	23,60 53,20	22,15 49,90
02101	Ammonium bromide chem. pure DAB 7, B. P. C. 1963, N. F. XII <i>Ammonium bromure / Amonio bromuro</i> NH_4Br $M = 97,94 \text{ g/mol}$ assay 99,8% loss on drying (105 °C) 0,2% arsenic (As) 0,0001% calcium (Ca) 0,01% iron (Fe) 0,0005% magnesium (Mg) 0,001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,1% iodide (I) 0,01% sulphate (SO ₄) 0,003%	PF. PF. PF. S. S. 2830	500 g 1 kg 5 kg 50 kg 5x	11,75 21,50 80,— kg kg	10,— 18,30 66,40 8,75 8,25	9,40 17,20 62,40	9,05 16,55 60,—
31106	Ammonium carbamate R. G. <i>Ammonium carbamate / Amonio carbamato</i> NH_4OCONH_2 $CH_6N_2O_2$ $M = 78,07 \text{ g/mol}$ assay min. 99,5% insoluble in water max. 0,005% sulphated ash max. 0,005% calcium (Ca) max. 0,003% iron (Fe) max. 0,0002% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0003% nitrate (NO ₃) max. 0,001% phosphate (PO ₄) max. 0,0005% sulphur compounds (as SO ₄) max. 0,002% thiocyanate (SCN) max. 0,001% coal-tar bases (as C ₆ H ₅ NH ₂) max. 0,002%	PF. PF. PF. 2925	500 g 1 kg 2,5 kg	17,— 30,75 65,50	14,45 26,15 54,35	13,60 24,60 51,10	13,10 23,70 49,15
11204	Ammonium carbonate chem. pure powder DAB 6, N. F. XIV <i>Ammonium carbonate / Amonio carbonato</i> assay of NH ₃ 32% sulphated ash 0,04% arsenic (As) 0,0005% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,003% Ammonium carbonate see also Ammonium hydrogen carbonate	PF. PF. S. 2842	1 kg 2,5 kg 50 kg	10,50 21,75 price on request	8,95 18,05	8,40 16,95	8,10 16,30
31823 C 5.1 1477 2	Ammonium cerium(IV) nitrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Ammonium-cérium(IV) nitrate / Amonio y cerio(IV) nitrato</i> $(NH_4)_2Ce(NO_3)_6$ $M = 548,23 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% iron (Fe) max. 0,005% heavy metals (as Pb) max. 0,005% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,005%	PF. 2839	100 g	39,25	33,35	31,40	29,45

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(64 Boxes)	
31173	Ammonium cerium(IV) sulphate-2-hydrate R. G., Reag. Ph. Eur. I <i>Ammonium-cérium(IV) sulfate-2-hydrate / Amonio y cerio(IV) sulfato-2-hidrato</i> (NH ₄) ₄ Ce(SO ₄) ₄ · 2H ₂ O M = 632,56 g/mol assay min. 99% insoluble in acid max. 0,005% iron (Fe) max. 0,005% heavy metals (as Pb) max. 0,005% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,005%	PF. PF. 2838	25 g 100 g	9,50 30,—	8,10 25,50	7,60 24,—	7, 22,9
31107	Ammonium chloride R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium chlorure / Amonio cloruro</i> NH ₄ Cl M = 53,49 g/mol assay min. 99,5% insoluble in water max. 0,005% pH (5%, 20 °C) 4,5—5,5 arsenic (As) max. 0,00005% calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% potassium (K) max. 0,005% magnesium (Mg) max. 0,0005% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% nitrate (NO ₃) max. 0,0005% phosphate (PO ₄) max. 0,0002% sulphate (SO ₄) max. 0,002%	PF. PF. PF. FTP. FTP. 2830	500 g 1 kg 2,5 kg 50 kg 5x	12,50 20,50 43,75 kg kg	10,65 17,45 36,30 7,30 7,15	10,— 16,40 34,15	9, 15,8 32,8
11209	○ Ammonium chloride chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franc, IX, N. F. XIV <i>Ammonium chlorure / Amonio cloruro</i> NH ₄ Cl M = 53,49 g/mol assay 99,8% loss on drying (105 °C) 0,2% sulphated ash 0,05% pH (5%, 20 °C) 4,5—6,0 arsenic (As) 0,0002% calcium (Ca) 0,005% iron (Fe) 0,001% magnesium (Mg) 0,001% heavy metals (as Pb) 0,0005% sulphate (SO ₄) 0,005%	PF. PF. S. S. S. 2830	1 kg 2,5 kg 50 kg 5x 10x	15,— 31,25 kg kg kg	12,75 25,95 4,10 3,90 3,80	12,— 24,40	11,5 23,4
19558	Ammonium chloride tablets of 0,1 g for glass treatment <i>Ammonium chlorure / Amonio cloruro</i> NH ₄ Cl M = 53,49 g/mol	FTP. 2830	10 kg	price on request			
11248	Ammonium chloride tablets of 0,15 g for glass treatment <i>Ammonium chlorure / Amonio cloruro</i> NH ₄ Cl M = 53,49 g/mol	FTP. 2830	10 kg	price on request			
11212	Ammonium chloride technical cryst. <i>Ammonium chlorure / Amonio cloruro</i> NH ₄ Cl M = 53,49 g/mol assay 99% sulphated ash 0,2% iron (Fe) 0,01% heavy metals (as Pb) 0,001% sulphate (SO ₄) 0,01%	PF. S. 2830	2,5 kg 50 kg	16,25 price on request	13,50 12,70	1, 0	0
09035	Ammonium chloride-d ₄ deuteration degree not less than 99 atom % D <i>Ammonium chlorure-d₄ / Amonio cloruro-d₄</i> ND ₄ Cl M = 57,46 g/mol	A. 2851	5 g	186,—	158,10	148,80	139,50

31203	Ammonium chlorocuprate(II) R. G., Reag. ACS <i>Ammonium chlorocuprate(II) / Amonio clorocuprato(II)</i> $(\text{NH}_4)_2[\text{CuCl}_4] \cdot 2\text{H}_2\text{O}$ $M = 277,47 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% free acid (as HCl) max. 0,05% iron (Fe) max. 0,002% substances not precipitated by hydrogen sulphide (as sulphates) max. 0,15% nitrate (NO_3) max. 0,005% sulphate (SO_4) max. 0,005%	PF. PF. 2848	250 g 1 kg	23,25 77,50	19,75 65,90	18,60 62,—	17,45 59,70
12801	Ammonium chlorocuprate(II) pure cryst. <i>Ammonium chlorocuprate(II) / Amonio clorocuprato(II)</i> $(\text{NH}_4)_2[\text{CuCl}_4] \cdot 2\text{H}_2\text{O}$ $M = 277,47 \text{ g/mol}$ assay 98% iron (Fe) 0,005% sulphate (SO_4) 0,01% Ammonium citrate dibasic see <i>di</i> -Ammonium hydrogen citrate Ammonium copper(II) chloride see Ammonium chlorocuprate(II)	PF. PF. FTP. 2848	1 kg 5 kg 50 kg	54,— 227,— price on request	45,90 188,40	43,20 177,05	41,60 170,25
31202	Ammonium dichromate cryst. R. G. <i>Ammonium dichromate / Amonio dicromato</i> $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$ $M = 252,06 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% aluminium (Al) max. 0,005% calcium (Ca) max. 0,01% iron (Fe) max. 0,002% potassium (K) max. 0,3% sodium (Na) max. 0,005% chloride (Cl) max. 0,001% sulphate (SO_4) max. 0,01%   R: 1-8-36/37/38 S: 28-35 disposal: 16	PF. PF. 2847	250 g 1 kg	17,— 49,75	14,45 42,30	13,60 39,80	12,75 38,30
12203	Ammonium dichromate chem. pure cryst. <i>Ammonium dichromate / Amonio dicromato</i> $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$ $M = 252,06 \text{ g/mol}$ assay 99% iron (Fe) 0,005% potassium (K) 0,2% sodium (Na) 0,01% chloride (Cl) 0,005% sulphate (SO_4) 0,02%   R: 1-8-36/37/38 S: 28-35 disposal: 16	PF. PF. PF. S. 2847	500 g 1 kg 5 kg 50 kg	17,50 31,75 132,50 price on request	14,90 27,— 110,—	14,— 25,40 103,35	13,50 24,45 99,40
12205	Ammonium dichromate technical cryst. <i>Ammonium dichromate / Amonio dicromato</i> $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$ $M = 252,06 \text{ g/mol}$ assay 98% chloride (Cl) 0,05% sulphate (SO_4) 0,05%   R: 1-8-36/37/38 S: 28-35 disposal: 16	PF. BLT. 2847	2,5 kg 200 kg	61,50 price on request	51,05 47,95	46,15	
60366	Ammonium-0,0-diethyl dithiophosphate PROSYNTH® <i>Ammonium-0-0-diéthyldithiophosphate / Amonio-0,0-dietilditiofosfato</i> $(\text{C}_2\text{H}_5\text{O})_2\text{PS}(\text{SNH}_4)$ $\text{C}_4\text{H}_{14}\text{NO}_2\text{PS}_2$ $M = 203,26 \text{ g/mol}$ assay 99%	PF. 2921	1 kg	44,50	37,85	35,60	34,25

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
30401	Ammonium dihydrogen phosphate R. G., Reag. ACS <i>Ammonium dihydrogénophosphate / Amonio dihidrógeno- fosfato</i> NH ₄ H ₂ PO ₄ M = 115,03 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 4,0—4,4 arsenic (As) max. 0,00005% iron (Fe) max. 0,001% potassium (K) max. 0,005% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% nitrate (NO ₃) max. 0,001% sulphate (SO ₄) max. 0,005%	PF. PF. FTP. 2840	500 g 1 kg 50 kg kg	15,50 28,— 17,75	13,20 23,80	12,40 22,40	11,90 21,80
04208	Ammonium dihydrogen phosphate pure cryst. <i>Ammonium dihydrogénophosphate / Amonio dihidrógeno- fosfato</i> NH ₄ H ₂ PO ₄ M = 115,03 g/mol assay 99,5% arsenic (As) 0,0001% pH (5%, 20 °C) 4—5 iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,005%	PF. S. 2840	1 kg 50 kg	14,75 price on request	12,55	11,80	11,30
04210	Ammonium dihydrogen phosphate technical <i>Ammonium dihydrogénophosphate / Amonio dihidrógeno- fosfato</i> NH ₄ H ₂ PO ₄ M = 115,03 g/mol assay 99% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. S. 2840	5 kg 50 kg	45,— price on request	37,35	35,10	33,75
60365	Ammonium-0,0-dimethyl dithiophosphate PROSYNTH® <i>Ammonium-0-0-diméthyldithiophosphate / Amonio-0,0- dimetilditiofosfato</i> (CH ₃ O) ₂ PS(SNH ₄) C ₂ H ₁₀ NO ₂ PS ₂ M = 175,21 g/mol assay 97% (CH ₃ O) ₂ P(S)ONH ₄ 2%	PF. 2921	1 kg	44,50	37,85	35,60	34,25

30101 Ammonium fluoride R. G., Reag. ACS
C 6.1 2505 3 Ammonium fluorure / Amonio fluoruro

NH₄F M = 37,04 g/mol

assay min. 98%
ammonium hydrogen fluoride max. 1%
insoluble in water max. 0,005%
residue on ignition (as sulphates) max. 0,005%
iron (Fe) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) 0,0005%
fluorosilicate (as SiF₆) max. 0,1%
sulphate (SO₄) max. 0,005%



R: 23/24/25 S: 1/2-26-44
disposal: 27

17838 Ammonium fluoride PURANAL®
C 6.1 2505 3 Ammonium fluorure / Amonio fluoruro

NH₄F M = 37,04 g/mol

analytical data on request



R: 23/24/25 S: 1/2-26-44
disposal: 27

17924 Ammonium fluoride solution 40%, MOS PURANAL®
C 6.1 2810 2 particle class 0-2
Ammonium fluorure en solution / Amonio fluoruro en solución

NH₄F M = 37,04 g/mol 1 L ≈ 1,11 kg

assay min. 40%
residue of ignition (as sulphates) max. 10 ppm
pH (1%) 6,2–7,0
aluminium (Al) max. 0,5 ppm
antimony (Sb) max. 0,05 ppm
arsenic (As) max. 0,05 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,05 ppm
lead (Pb) max. 0,1 ppm
cadmium (Cd) max. 0,1 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,1 ppm
iron (Fe) max. 0,5 ppm
gallium (Ga) max. 0,1
gold (Au) max. 0,05 ppm
indium (In) max. 0,05 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,05 ppm
copper (Cu) max. 0,1 ppm
lithium (Li) max. 0,1 ppm
magnesium (Mg) max. 0,2 ppm
manganese (Mn) max. 0,05 ppm
molybdenum (Mo) max. 0,05 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,05 ppm
platinum (Pt) max. 0,05 ppm
silver (Ag) max. 0,05 ppm
strontium (Sr) max. 0,1 ppm
thallium (Tl) max. 0,05 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max. 0,1 ppm
bismuth (Bi) max. 0,05 ppm
zinc (Zn) max. 0,1 ppm
tin (Sn) max. 0,1 ppm
zirconium (Zr) max. 0,05 ppm
chloride (Cl) max. 4 ppm
nitrate (NO₃) max. 3 ppm
phosphate (PO₄) max. 1 ppm
sulphate (SO₄) max. 2 ppm



R: 23/24/25 S: 1/2-26-44
disposal: 27

PF.	100 g	8,75	7,45	7,—	6,55
PF.	500 g	26,25	22,30	21,—	20,20
PF.	1 kg	46,50	39,55	37,20	35,80
FTP.	50 kg	kg	29,—		

2829

PF.	2,5 kg	price on request
FTP.	50 kg	price on request

2829

PF.	2,5 L	price on request
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2829

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

17884 Ammonium fluoride solution 40% PURANAL®
C 6.1 2810 2 Ammonium fluorure en solution / Amonio fluoruro en
solucion

NH₄F M = 37,04 g/mol

assay (NH₄F) min. 40%
residue on ignition (as sulphate) max. 10 ppm
pH (1% solution) 6,2 – 7,0
aluminium (Al) max. 0,5 ppm
antimony (Sb) max. 0,05 ppm
arsenic (As) max. 0,05 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,05 ppm
lead (Pb) max. 0,1 ppm
cadmium (Cd) max. 0,1 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,1 ppm
iron (Fe) max. 0,5 ppm
gallium (Ga) max. 0,1 ppm
gold (Au) max. 0,05 ppm
indium (In) max. 0,05 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,05 ppm
copper (Cu) max. 0,1 ppm
lithium (Li) max. 0,1 ppm
magnesium (Mg) max. 0,2 ppm
manganese (Mn) max. 0,05 ppm
molybdenum (Mo) max. 0,05 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,05 ppm
platinum (Pt) max. 0,05 ppm
silver (Ag) max. 0,05 ppm
strontium (Sr) max. 0,1 ppm
thallium (Tl) max. 0,05 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max. 0,1 ppm
bismuth (Bi) max. 0,05 ppm
zinc (Zn) max. 0,1 ppm
tin (Sn) max. 0,1 ppm
zirkonium (Zr) max. 0,05 ppm
chloride (Cl) max. 4 ppm
nitrate (NO₃) max. 3 ppm
phosphate (PO₄) max. 1 ppm
sulphate (SO₄) max. 2 ppm



R: 23/24/25 S: 1/2-26-44
disposal: 27

01108 Ammonium fluoride chem. pure
C 6.1 2505 3 Ammonium fluorure / Amonio fluoruro

NH₄F M = 37,04 g/mol

assay 96%
residue on ignition (as sulphates) 0,01%
iron (Fe) 0,002%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
sulphate (SO₄) 0,005%



R: 23/24/25 S: 1/2-26-44
disposal: 27

01105 Ammonium fluoride technical
C 6.1 2505 3 Ammonium fluorure / Amonio fluoruro

NH₄F M = 37,04 g/mol

assay 95%
iron (Fe) 0,005%
heavy metals (as Pb) 0,001%
sulphate (SO₄) 0,01%



R: 23/24/25 S: 1/2-26-44
disposal: 27

17923 Ammonium fluoride hydrofluoric acid etching mixture
A 9.00 MOS PURANAL® particle class 0.2
C 6.1 1300 Ammonium fluorure acide fluorhydrique mélange corrosif
Amonio fluoruro acido fluorhidrico mezcla corrosiva



R: 23/24/25 S: 1/2-26-44
disposal: 27

PK.
FPF.
F.
2829

5 L price on request
65 kg price on request
220 kg price on request

PF.
PF.
S.
2829

500 g 19,75 16,80 15,80 15,80
1 kg 36,— 30,60 28,80 28,80
40 kg price on request

PF.
S.
2829

2,5 kg 32,75 27,20 25,55 25,55
40 kg price on request

PF.
2829

2,5 L price on request

Code-Number

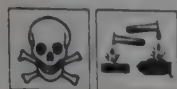
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

17954 **Ammonium fluoride/hydrofluoric acid-etching mixture**
A 8/6D **PURANAL®**
C 8 1790 2 *Ammonium fluorure/acide fluorhydrique-mélange d'attaque / Amonio fluoruro/acido fluorhídrico-mezcla cáustica*



R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PK.
3813

5 L price on request

01501 **Ammonium fluoroborate**
C 6.1*2854 3 *Ammonium fluoroborate / Amonio fluoroborato*

NH_4BF_4 $M = 104,84$ g/mol

assay 99%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
sulphate (SO_4) 0,001%

PF. 1 kg 27,— 22,95 21,60 20,80
PF. 5 kg 114,50 95,05 89,30 85,90
S. 50 kg price on request
2829

01401 **Ammonium fluorosilicate**
C 6.1 2854 3 *Ammonium fluorosilicate / Amonio fluorosilicato*

$(\text{NH}_4)_2\text{SiF}_6$ $M = 178,15$ g/mol

assay 98%



R: 23/24/25 S: 1/2-26-44
disposal: 27

PF. 1 kg 14,75 12,55 11,80 11,35
PF. 5 kg 55,50 46,05 43,30 41,65
S. 50 kg price on request
2829

25204 **Ammonium formate pure**
Ammonium formiate / Amonio formiato

HCOONH_4

CH_5NO_2 $M = 63,06$ g/mol

assay 98%
pH (5%, 20 °C) 6—7
iron (Fe) 0,001%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,005%
sulphate (SO_4) 0,01%

PF. 500 g 16,50 14,05 13,20 12,70
PF. 1 kg 29,50 25,10 23,60 22,70
S. 50 kg price on request
2914

Ammonium heptamolybdate see Ammonium molybdate

11213 **Ammonium hydrogen carbonate chem. pure crystalline powder B. P. C. 1973**
Ammonium hidrogénocarbonate / Amonio hidrógeno-carbonato

NH_4HCO_3 $M = 79,06$ g/mol

assay 99,8%
sulphated ash 0,005%
arsenic (As) 0,0001%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
sulphate (SO_4) 0,005%

PF. 1 kg 9,75 8,30 7,80 7,50
PF. 5 kg 28,50 23,65 22,25 21,40
S. 50 kg price on request
2842

Ammonium hydrogen carbonate see also Ammonium carbonate

32303 **di-Ammonium hydrogen citrate R. G.**
di-Ammonium hidrogénocitrate / di-Amonio hidrógeno-citrato

$(\text{NH}_4)_2\text{C}_6\text{H}_6\text{O}_7$

$\text{C}_6\text{H}_{14}\text{N}_2\text{O}_7$ $M = 226,19$ g/mol

assay of NH_3 14,7—15,5%
insoluble in water max. 0,005%
residue on ignition max. 0,02%
pH (5%, 20 °C) 5,0—5,5
iron (Fe) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,0005%
phosphate (PO_4) max. 0,001%
sulphate (SO_4) max. 0,005%

PF. 250 g 15,— 12,75 12,— 11,25
PF. 500 g 24,25 20,60 19,40 18,65
PF. 1 kg 43,75 37,20 35,— 33,70
FTP. 50 kg kg 21,50
2916

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)

25102 di-Ammonium hydrogen citrate pure
di-Ammonium hydrogénocitrate / di-Amonio hidrógeno-
cittrato

(NH₄)₂C₆H₆O₇

C₆H₁₄N₂O₇ M = 228,19 g/mol

assay of NH₃ 14,7—15,5%
pH (5%, 20 °C) 5,0—5,5
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,005%
sulphate (SO₄) 0,01%

PF.
PF.
S.
2916

500 g	17,50	14,90	14,—	13,50
1 kg	32,25	27,40	25,80	24,85
25 kg	kg	18,70		

17939 Ammonium hydrogen fluoride PURANAL®
Ammonium hydrogénofluorure / Amonio hidrógeno-
fluoruro

NH₄HF₂ M = 57,04 g/mol

analytical data on request



R: 25-34 S: 22-26-37
disposal: 27

PF.
FTP.
2829

2,5 kg	price on request
50 kg	price on request

01110 Ammonium hydrogen fluoride chem. pure
Ammonium hydrogénofluorure / Amonio hidrógeno-
fluoruro

NH₄HF₂ M = 57,04 g/mol

assay 99%
ammonium fluorosilicate [(NH₄)₂SiF₆] 0,1%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
sulphate (SO₄) 0,003%



R: 25-34 S: 22-26-37
disposal: 27

PF.
PF.
S.
FTP.
2829

1 kg	29,—	24,65	23,20	22,35
2,5 kg	62,—	51,45	48,35	46,50
25 kg		price on request		
50 kg		price on request		

01109 Ammonium hydrogen fluoride pure
Ammonium hydrogénofluorure / Amonio hidrógeno-
fluoruro

NH₄HF₂ M = 57,04 g/mol

assay 99%
iron (Fe) 0,005%
heavy metals (as Pb) 0,005%
sulphate (SO₄) 0,01%



R: 25-34 S: 22-26-37
disposal: 27

PF.
PF.
S.
FTP.
2829

1 kg	17,50	14,90	14,—	13,50
2,5 kg	37,25	30,90	29,05	27,90
25 kg		price on request		
50 kg		price on request		

01207 Ammonium hydrogen fluoride scales, special quality for
surface treatment of aluminium
Ammonium hydrogénofluorure / Amonio hidrógenofluoruro

NH₄HF₂ M = 57,04 g/mol

assay (ex fluorine) 98%
lead (Pb) 0,25%



R: 25-34 S: 22-26-37
disposal: 27

S.
FTP.
2829

50 kg	price on request
50 kg	price on request

01111 Ammonium hydrogen fluoride technical cryst.
Ammonium hydrogénofluorure / Amonio hidrógeno-
fluoruro

NH₄HF₂ M = 57,04 g/mol


assay



R: 25-34 S: 22-26-37
disposal: 27

PF.
PF.
S.
FTP.
2829

1 kg	13,—	11,05	10,40	10
2,5 kg	26,75	22,20	20,85	20
50 kg		price on request		
50 kg		price on request		

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
01173	Ammonium hydrogen fluoride technical scales	PF.	2,5 kg	27,—	22,40	21,05	20,25
A 8/15A	Ammonium hydrogénofluorure / Amonio hidrógeno-	S.	50 kg	price on request			
C 8 1727 2	fluoruro	FTP.	50 kg	price on request			
	NH ₄ HF ₂ M = 57,04 g/mol	2829					
	assay (ex fluorine) 98%						
	 R: 25-34 S: 22-26-37 disposal: 27						
30402	di-Ammonium hydrogen phosphate R. G., Reag. ACS, Reag.	PF.	250 g	10,50	8,95	8,40	7,90
	Ph. Eur. I	PF.	500 g	16,—	13,60	12,80	12,30
	di-Ammonium hydrogénophosphate / di-Amonio	PF.	1 kg	29,—	24,65	23,20	22,35
	hidrógeno-fosfato	FTP.	50 kg	kg	15,25		
	(NH ₄) ₂ HPO ₄ M = 132,06 g/mol	2840					
	assay min. 99%						
	insoluble in water max. 0,005%						
	pH (5%, 20 °C) 7,8—8,2						
	arsenic (As) max. 0,00005%						
	iron (Fe) max. 0,0005%						
	potassium (K) max. 0,001%						
	sodium (Na) max. 0,002%						
	heavy metals (as Pb) max. 0,001%						
	chloride (Cl) max. 0,0005%						
	nitrate (NO ₃) max. 0,001%						
	sulphate (SO ₄) max. 0,002%						
04211	di-Ammonium hydrogen phosphate chem. pure cryst.	PF.	500 g	10,50	8,95	8,40	8,10
	Erg. B. 6	PF.	1 kg	19,—	16,15	15,20	14,65
	di-Ammonium hydrogénophosphate / di-Amonio	PF.	2,5 kg	40,50	33,60	31,60	30,40
	hidrógeno-fosfato	S.	50 kg	price on request			
	(NH ₄) ₂ HPO ₄ M = 132,06 g/mol	2840					
	assay 99%						
	arsenic (As) 0,0002%						
	iron (Fe) 0,002%						
	heavy metals (as Pb) 0,0005%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,02%						
04212	di-Ammonium hydrogen phosphate pure cryst.	PF.	2,5 kg	36,75	30,50	28,65	27,55
	di-Ammonium hydrogénophosphate / di-Amonio	S.	50 kg	price on request			
	hidrógeno-fosfato	2840					
	(NH ₄) ₂ HPO ₄ M = 132,06 g/mol						
	assay 99%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	chloride (Cl) 0,01%						
	sulphate (SO ₄) 0,05%						
04213	di-Ammonium hydrogen phosphate technical	PF.	5 kg	47,75	39,65	37,25	35,80
	di-Ammonium hydrogénophosphate / di-Amonio	S.	50 kg	price on request			
	hidrógeno-fosfato	2840					
	(NH ₄) ₂ HPO ₄ M = 132,06 g/mol						
	assay 98,5%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	chloride (Cl) 0,02%						
	sulphate (SO ₄) 0,1%						
11215	Ammonium hydrogen sulphite solution 50% pure	FL.	1 L	16,50	14,05	13,20	12,70
	Ammonium hydrogénosulfite en solution / Amonio	BAS.	30 kg	price on request			
	hidrógeno-sulfito en solución	2837					
	NH ₄ HSO ₃ M = 99,11 g/mol 1 L ≈ 1,26 kg						
	assay 48—52%						
	residue on ignition 0,01%						
	pH (1+19, 20 °C) 3,3—3,7						
	iron (Fe) 0,0005%						
	heavy metals (as Pb) 0,0005%						
	Ammonium hydroxide solution see Ammonia solution						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

04401	Ammonium hypophosphite chem. pure <i>Ammonium hypophosphite / Amonio hipofosfito</i> $\text{NH}_4\text{PH}_2\text{O}_2$ $M = 83,03$ g/mol assay 97% arsenic (As) 0,0005% calcium (Ca) 0,05% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,01% phosphite (as H_3PO_3) 1% sulphate (SO_4) 0,01%	PF. FTP. 2840	1 kg 50 kg	73,50 price on request	62,50	58,80	56
	Ammonium hyposulphite see Ammonium thiosulphate						
30328	Ammonium iodide R. G., Reag. ACS <i>Ammonium iodure / Amonio yoduro</i> NH_4I $M = 144,94$ g/mol assay min. 99,5% insoluble in water max. 0,005% loss on drying (105 °C) max. 0,05% sulphated ash max. 0,02% pH (5%, 20 °C) 4,5—6,5 barium (Ba) max. 0,002% lead (Pb) max. 0,0001% calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% copper (Cu) max. 0,0001% chloride and bromide (as Cl) max. 0,005% iodate (IO_3) max. 0,0005% phosphate (PO_4) max. 0,001% sulphate (SO_4) max. 0,002%	WG. 2830	100 g	31,75	27,—	25,40	23
03101	Ammonium iodide chem. pure <i>Ammonium iodure / Amonio yoduro</i> NH_4I $M = 144,94$ g/mol assay 99% loss on drying (105 °C) 1% sulphated ash 0,1% pH (5%, 20 °C) 4,5—6,5 arsenic (As) 0,0005% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride and bromide (as Cl) 0,02% iodate and iodine (as I) 0,01% sulphate (SO_4) 0,01% thiosulphate (S_2O_3) 0,01%	WG. WG. 2830	100 g 1 kg	16,50 123,50	14,05 105,—	13,20 98,80	12,4 95
	Ammonium iron(III) and solution-IDRANAL® see IDRANAL®						
25130	Ammonium iron(III) citrate brown granulated U.S.P. XIV <i>Ammonium-fer(III) citrate / Amonio e hierro(III) citrato</i>	PF. PF. 2916	500 g 2,5 kg	14,— 53,50	11,90 44,40	11,20 41,75	10,8 40,7
25131	Ammonium iron(III) citrate green granulated Erg. B. 6 <i>Ammonium-fer(III) citrate / Amonio e hierro(III) citrato</i>	PF. PF. 2916	500 g 2,5 kg	14,— 53,50	11,90 44,40	11,20 41,75	10,8 40,7
12302 C 6.1 2449 3	Ammonium iron(III) oxalate pure cryst. <i>Ammonium-fer(III) oxalate / Amonio e hierro(III) oxalato</i> $(\text{NH}_4)_3[\text{Fe}(\text{C}_2\text{O}_4)_3] \cdot 3\text{H}_2\text{O}$ $\text{C}_6\text{H}_{12}\text{FeN}_3\text{O}_{12} \cdot 3\text{H}_2\text{O}$ $M = 428,07$ g/mol assay 99,5% chloride (Cl) 0,002% sulphate (SO_4) 0,02%	PF. S. 2915	1 kg 50 kg	20,75 price on request	17,65	16,60	16,—



R: 21/22 S: 2-24/25
disposal: 8




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
31105	Ammonium iron(II) sulphate-6-hydrate (max. 0,002% Mn) R. G. <i>Ammonium-fer(II) sulfate-6-hydrate / Amonio e hierro(II) sulfato-6-hidrato</i> $(\text{NH}_4)_2[\text{Fe}(\text{SO}_4)_2] \cdot 6\text{H}_2\text{O}$ $M = 392,14 \text{ g/mol}$ assay min. 99,5% insoluble in water max. 0,005% iron(III) (Fe^{3+}) max. 0,005% lead (Pb) max. 0,0002% calcium (Ca) max. 0,01% potassium (K) max. 0,01% cobalt (Co) max. 0,002% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,005% manganese (Mn) max. 0,002% sodium (Na) max. 0,01% zinc (Zn) max. 0,0005% chloride (Cl) max. 0,001% phosphate (PO_4) max. 0,003%	PF. 2838	500 g	31,50	26,80	25,20	24,25
31110	Ammonium iron(II) sulphate-6-hydrate R. G. Reag. ISO, Reag. Ph. Eur. I <i>Ammonium-fer(II) sulfate-6-hydrate / Amonio e hierro(II) sulfato-6-hidrato</i> $(\text{NH}_4)_2[\text{Fe}(\text{SO}_4)_2] \cdot 6\text{H}_2\text{O}$ $M = 392,14 \text{ g/mol}$ assay 99—101% pH (5%, 20°C) 3—5 lead (Pb) max. 0,002% iron(III) (Fe^{3+}) max. 0,005% calcium (Ca) max. 0,002% potassium (K) max. 0,001% copper (Cu) max. 0,002% magnesium (Mg) max. 0,01% manganese (Mn) max. 0,05% sodium (Na) max. 0,001% zinc (Zn) max. 0,003% chloride (Cl) max. 0,001% phosphate (PO_4) max. 0,002%	PF. PF. PF. FTP. 2838	500 g 1 kg 5 kg 50 kg	12,— 20,25 83,— kg 8,50	10,20 17,20 68,90	9,60 16,20 64,75	9,25 15,60 62,25
12304	Ammonium iron(II) sulphate-6-hydrat chem. pure cryst. <i>Ammonium-fer(II) sulfate-6-hydrate / Amonio e hierro(II) sulfato-6-hidrato</i> $(\text{NH}_4)_2[\text{Fe}(\text{SO}_4)_2] \cdot 6\text{H}_2\text{O}$ $M = 392,14 \text{ g/mol}$ assay 99% calcium (Ca) 0,02% iron(III) (Fe^{3+}) 0,01% potassium (K) 0,01% copper (Cu) 0,002% magnesium (Mg) 0,02% sodium (Na) 0,01% zinc (Zn) 0,01% chloride (Cl) 0,005%	PF. PF. S. 2838	1 kg 5 kg 50 kg	14,75 56,— price on request	12,55 46,50	11,80 43,70	11,35 42,—
31111	Ammonium iron(III) sulphate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium-fer(III) sulfate / Amonio e hierro(III) sulfato</i> $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ $M = 482,19 \text{ g/mol}$ assay 99,5—104,0% insoluble in water max. 0,005% lead (Pb) max. 0,001% calcium (Ca) max. 0,002% iron(II) (Fe^{2+}) max. 0,001% potassium (K) max. 0,01% copper (Cu) max. 0,002% magnesium (Mg) max. 0,001% manganese (Mn) max. 0,005% sodium (Na) max. 0,01% zinc (Zn) max. 0,001% chloride (Cl) max. 0,0005% nitrate (NO_3) max. 0,01% phosphate (PO_4) max. 0,002%	PF. PF. PF. FTP. 2838	500 g 1 kg 2,5 kg 50 kg	11,— 17,50 37,25 kg 8,80	9,35 14,90 30,90	8,80 14,— 29,05	8,45 13,50 27,95

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(10 Boxes)	(10 Boxes)
12303	Ammonium iron(III) sulphate Erg. B. 6 <i>Ammonium-fer(III) sulfate / Amonio e hierro(III) sulfato</i> $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ $M = 482,19 \text{ g/mol}$ assay 97% iron(II) (Fe^{2+}) 0,001% copper (Cu) 0,002% zinc (Zn) 0,005% chloride (Cl) 0,003%	PF. PF. S. 2838	1 kg 5 kg 50 kg	13,50 50,50 price on request	11,50 41,90	10,80 39,40	10, 37,
04255	Ammonium magnesium phosphate-6-hydrate chem. pure <i>Ammonium-magnesium phosphate-6-hydrate / Amonio y magnesio fosfato-6-hidrato</i> $\text{NH}_4\text{MgPO}_4 \cdot 6\text{H}_2\text{O}$ $M = 245,41 \text{ g/mol}$ assay 99% assay of NH_3 6,7–7,1% iron (Fe) 0,001% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,05%	PF. PF. FTP. 2848	500 g 2,5 kg 25 kg	34,50 136,50 price on request	29,35 113,30	27,60 106,45	26, 102,
Ammonium metavanadate see Ammonium <i>meta</i> -vanadate							
31402	Ammonium molybdate R. G., Reag. Ph. Eur. I <i>Ammonium molybdate / Amonio molibdato</i> $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ $M = 1235,86 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,0005% nitrate (NO_3) max. 0,003% phosphate, arsenate and silicate (as PO_4) max. 0,001% sulphate (SO_4) max. 0,005%	WG. WG. WG. WG. FTP. 2847	100 g 500 g 1 kg 2,5 kg 50 kg	price on request price on request price on request price on request price on request			
13301	Ammonium molybdate chem. pure cryst. Erg. B. 6 <i>Ammonium molybdate / Amonio molibdato</i> $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ $M = 1235,86 \text{ g/mol}$ assay of MoO_3 81–83% iron (Fe) 0,002% chloride (Cl) 0,002% phosphate, arsenate, silicate (as PO_4) 0,001% sulphate (SO_4) 0,02%	WG. WG. FTP. 2847	250 g 1 kg 25 kg	price on request price on request price on request			
13302	Ammonium molybdate chem. pure coarse powder <i>Ammonium molybdate / Amonio molibdato</i> $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ $M = 1235,86 \text{ g/mol}$ assay of MoO_3 81–83% iron (Fe) 0,002% chloride (Cl) 0,002% phosphate, arsenate, silicate (as PO_4) 0,001% sulphate (SO_4) 0,02%	WG. FTP. 2847	1 kg 25 kg	price on request price on request			
Ammonium molybdate-thiomolybdic acid solution see Splittgerber's reagent							
Ammonium monovanadate see Ammonium <i>meta</i> -vanadate							
Ammonium a-naphthylnitrosohydroxylamine see Neocupferron							
13602	Ammonium nickel sulphate pure cryst. for nickel plating <i>Ammonium-nickel sulfate / Amonio y niquel sulfato</i> $(\text{NH}_4)_2\text{Ni}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ $M = 394,99 \text{ g/mol}$ assay 98–100% pH (5%, 20 °C) 4–6 iron (Fe) 0,0005% cobalt (Co) 0,3% zinc (Zn) 0,05% chloride (Cl) 0,01%	PF. PF. S. 2838	1 kg 5 kg 50 kg	36,— 145,— price on request	30,60 120,35	28,80 113,10	27,7 108,7

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
31114	Ammonium nitrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium nitrate / Amonio nitrato</i> NH ₄ NO ₃ M = 80,04 g/mol	PF. PF. PF. FTP. 2839	500 g 1 kg 2,5 kg 50 kg	11,— 17,75 37,75 kg 7,75	9,35 15,10 31,35 7,75	8,80 14,20 29,45	8,45 13,65 28,30
	assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 4,5—6,0 calcium (Ca) max. 0,002% iron (Fe) max. 0,0001% potassium (K) max. 0,001% magnesium (Mg) max. 0,001% sodium (Na) max. 0,001% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% nitrite (NO ₂) max. 0,0005% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002%						
11217	Ammonium nitrate chem. pure cryst. <i>Ammonium nitrate / Amonio nitrato</i> NH ₄ NO ₃ M = 80,04 g/mol	PF. PF. S. 2839	1 kg 5 kg 50 kg	13,25 48,— price on request	11,25 39,85	10,60 37,45	10,20 36,—
	assay 99% residue on ignition (as sulphates) 0,05% pH (5%, 20 °C) 4,5—6,0 calcium (Ca) 0,005% iron (Fe) 0,0002% magnesium (Mg) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% phosphate (PO ₄) 0,0005% sulphate (SO ₄) 0,005%						
11216	Ammonium nitrate pure cryst. <i>Ammonium nitrate / Amonio nitrato</i> NH ₄ NO ₃ M = 80,04 g/mol	PF. S. 2839	5 kg 50 kg	44,75 price on request	37,15	34,90	33,55
	assay 98% residue on ignition (as sulphates) 0,1% pH (5%, 20 °C) 4,5—6,0 iron (Fe) 0,0005% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% phosphate (PO ₄) 0,0005% sulphate (SO ₄) 0,01%						
11218	Ammonium nitrate technical granulated <i>Ammonium nitrate / Amonio nitrato</i> NH ₄ NO ₃ M = 80,04 g/mol	PF. S. S. 2839	5 kg 50 kg 5x	30,25 kg 1,70 kg 1,60	25,10	23,60	22,70
	assay 98% residue on ignition (as sulphates) 0,2% iron (Fe) 0,002% heavy metals (as Pb) 0,005% chloride (Cl) 0,005%						
32304	Ammonium oxalate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium oxalate / Amonio oxalato</i> (NH ₄) ₂ C ₂ O ₄ · H ₂ O C ₂ H ₈ N ₂ O ₄ · H ₂ O M = 142,11 g/mol	PF. PF. PF. FTP. 2915	250 g 500 g 1 kg 50 kg	13,25 20,25 37,25 kg 19,65	11,25 17,20 31,65	10,60 16,20 29,80	9,95 15,60 28,70
	assay 99,5—100,5% insoluble in water max. 0,005% pH (2,5%, 20 °C) 6—7 calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% potassium (K) max. 0,001% magnesium (Mg) max. 0,001% sodium (Na) max. 0,001% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% nitrate (NO ₃) max. 0,002% sulphate (SO ₄) max. 0,002%						



R: 21/22 S: 2-24/25
disposal: 8

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
25403	Ammonium oxalate chem. pure cryst. Erg. B. 6	PF.	500 g	14,50	12,35	11,60	11
C 6.1 2449 3	Ammonium oxalate / Amonio oxalato	PF.	1 kg	26,25	22,30	21,—	20
	(NH ₄) ₂ C ₂ O ₄ · H ₂ O	S.	50 kg	kg	8,50		
	C ₂ H ₈ N ₂ O ₄ · H ₂ O M = 142,11 g/mol	2915					
	assay 99%						
	residue on ignition 0,05%						
	pH (2,5%, 20 °C) 6—7						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,001%						
	chloride (Cl) 0,001%						
	sulphate (SO ₄) 0,01%						
	 R: 21/22 S: 2-24/25 disposal: 8						
25405	Ammonium oxalate pure cryst.	PF.	1 kg	24,—	20,40	19,20	18
C 6.1 2449 3	Ammonium oxalate / Amonio oxalato	S.	50 kg	price on request			
	(NH ₄) ₂ C ₂ O ₄ · H ₂ O	2915					
	C ₂ H ₈ N ₂ O ₄ · H ₂ O M = 142,11 g/mol						
	assay 98%						
	residue on ignition 0,1%						
	pH (2,5%, 20 °C) 6—7						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,02%						
	 R: 21/22 S: 2-24/25 disposal: 8						
25406	Ammonium oxalate pure powder	PF.	1 kg	25,50	21,70	20,40	19,6
C 6.1 2449 3	Ammonium oxalate / Amonio oxalato	S.	50 kg	price on request			
	(NH ₄) ₂ C ₂ O ₄ · H ₂ O	2915					
	C ₂ H ₈ N ₂ O ₄ · H ₂ O M = 142,11 g/mol						
	assay 98%						
	residue on ignition 0,1%						
	pH (2,5%, 20 °C) 6—7						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,02%						
	 R: 21/22 S: 2-24/25 disposal: 8						
14301	Ammonium paratungstate	PF.	100 g	34,—	28,90	27,20	25,5
	Ammonium paratungstate / Amonio paratungstato	2847					
	5(NH ₄) ₂ O · 12WO ₃ · 7H ₂ O						
	H ₄₀ N ₁₀ O ₄₁ W ₁₂ · 7H ₂ O M = 3168,66 g/mol						
11601	Ammonium pentaborate chem. pure	PF.	1 kg	23,50	20,—	18,80	18,1
	Ammonium pentaborate / Amonio pentaborato	PF.	2,5 kg	50,—	41,50	39,—	37,5
	(NH ₄)B ₅ O ₈ · 4H ₂ O M = 272,14 g/mol	FTP.	100 kg	price on request			
	assay 99%	2846					
	iron (Fe) 0,0005%						
	heavy metals (as Pb) 0,0005%						
	chloride (Cl) 0,0005%						
31117	Ammonium peroxodisulphate R. G., Reag. ACS,	PF.	500 g	12,—	10,20	9,60	9,2
C 5.1 1444 3	Reag. Ph. Eur. I	PF.	1 kg	16,75	14,25	13,40	12,9
	Ammonium peroxodisulfate / Amonio peroxodisulfato	PF.	5 kg	65,—	53,95	50,70	48,7
	(NH ₄) ₂ S ₂ O ₈ M = 228,20 g/mol	2838					
	assay min. 98%						
	insoluble in water max. 0,005%						
	sulphated ash max. 0,05%						
	iron (Fe) max. 0,001%						
	free acid (as H ₂ SO ₄) max. 0,2%						
	manganese (Mn) max. 0,00005%						
	heavy metals (as Pb) max. 0,001%						
	chlorate and chloride (as Cl) max. 0,001%						
	chloride (Cl) max. 0,0005%						
	KMnO ₄ reducing matters (as O) max. 0,0004%						




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
11222	Ammonium peroxodisulphate pure Erg. B. 6	PF.	500 g	9,50	8,10	7,60	7,30
C 5.1 1444 3	Ammonium peroxodisulfate / Amonio peroxodisulfato	PF.	1 kg	15,—	12,75	12,—	11,55
	(NH ₄) ₂ S ₂ O ₈ M = 228,20 g/mol	PF.	5 kg	57,—	47,30	44,45	42,75
	assay 98%	S.	50 kg	kg	3,60		
	residue on ignition 0,1%	2838					
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,003%						
	chloride (Cl) 0,002%						
10419	Ammonium perrhenate	FL.	1 g	89,50	76,10	71,60	67,15
	Ammonium perrhenate / Amonio perrenato	2847					
	NH ₄ ReO ₄ M = 268,24 g/mol						
	assay 99%						
	Ammonium persulphate see Ammonium peroxodisulphate						
04294	tri-Ammonium phosphate-3-hydrate pure	PF.	500 g	17,—	14,45	13,60	13,10
	tri-Ammonium phosphate-3-hydrate / tri-Amonio fosfato-3-hidrato	PF.	1 kg	30,75	26,15	24,60	23,70
	(NH ₄) ₃ PO ₄ · 3H ₂ O M = 203,13 g/mol	FPD.	50 kg	price on request			
	assay 97%	2840					
	assay of NH ₃ 23,5—25,0%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,01%						
04214	tri-Ammonium phosphate-3-hydrate technical	PF.	2,5 kg	43,75	36,30	34,15	32,80
	tri-Ammonium phosphate-3-hydrate / tri-Amonio fosfato-3-hidrato	FPD.	50 kg	price on request			
	(NH ₄) ₃ PO ₄ · 3H ₂ O M = 203,13 g/mol	2840					
	assay 95%						
	assay of NH ₃ 23—25%						
	iron (Fe) 0,01%						
	heavy metals (as Pb) 0,01%						
	chloride (Cl) 0,02%						
	sulphate (SO ₄) 0,05%						
	Ammonium phosphate dibasic see di-Ammonium hydrogen phosphate						
	Ammonium phosphate monobasic see Ammonium dihydrogen phosphate						
	Ammonium phosphate tribasic see tri-Ammonium phosphate						
	Ammonium polysulfide solution see Ammonium sulphide solution						
	Ammonium purpurate see Murexide						
	Ammonium Reineckate see Reinecke salt						
	Ammonium rhodanide see Ammonium thiocyanate						
	Ammonium silicofluoride see Ammonium fluorosilicate						
	Ammonium sodium phosphate see Sodium ammonium hydrogen phosphate						
33022	Ammonium sulphamidate R. G. (for the determination of sulphonamides in the blood), Reag. ACS	PF.	50 g	8,25	7,—	6,60	6,20
	Ammonium sulfamidate / Amonio sulfamidato	PF.	250 g	33,—	28,05	26,40	24,75
	NH ₄ SO ₃ NH ₂ M = 114,12 g/mol	2848					
	assay (ex N) min. 99%						
	melting range 131—133 °C						
	insoluble in water max. 0,01%						
	loss on drying (105 °C) max. 1%						
	sulphated ash max. 0,02%						
	pH (5%, 20 °C) 5,0—6,5						
	iron (Fe) max. 0,0005%						
	heavy metals (as Pb) max. 0,0005%						
	chloride (Cl) max. 0,002%						
	nitrate (NO ₃) max. 0,002%						
	sulphate (SO ₄) max. 0,02%						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	60x (10 Boxes)
31119	Ammonium sulphate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium sulfate / Amonio sulfato</i> $(\text{NH}_4)_2\text{SO}_4$ $M = 132,14 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% loss on drying (105 °C) max. 0,2% pH range (5%, 20 °C) 5—6 arsenic (As) max. 0,00002% cadmium (Cd) max. 0,0001% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% potassium (K) max. 0,002% copper (Cu) max. 0,0002% magnesium (Mg) max. 0,0002% sodium (Na) max. 0,002% heavy metals (as Pb) max. 0,0002% zinc (Zn) max. 0,0001% chloride (Cl) max. 0,0005% nitrate (NO_3) max. 0,001% phosphate (PO_4) max. 0,0005%	PF. PF. PF. FTP. 2838	500 g 1 kg 5 kg 50 kg	10,50 17,— 66,50 kg	8,95 14,45 55,20 7,25	8,40 13,60 51,85	8,— 13,— 49,—
39284	Ammonium sulphate BIOSYNTH® <i>Ammonium sulfate / Amonio sulfato</i> $(\text{NH}_4)_2\text{SO}_4$ $M = 132,14 \text{ g/mol}$	PF. PF. 2838	1 kg 5 kg	13,— 45,75	11,05 37,95	10,40 35,70	10,— 34,—
11225	Ammonium sulphate chem. pure cryst. <i>Ammonium sulfate / Amonio sulfato</i> $(\text{NH}_4)_2\text{SO}_4$ $M = 132,14 \text{ g/mol}$ assay 99% pH (5%, 20 °C) 5—6 arsenic (As) 0,0005% calcium (Ca) 0,002% iron (Fe) 0,001% potassium (K) 0,002% magnesium (Mg) 0,002% sodium (Na) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,002%	PF. PF. S. 2838	1 kg 5 kg 50 kg	11,— 37,50 price on request	9,35 31,15	8,80 29,25	8,— 28,—
11224	Ammonium sulphate pure <i>Ammonium sulfate / Amonio sulfato</i> $(\text{NH}_4)_2\text{SO}_4$ $M = 132,14 \text{ g/mol}$ assay 99,5% loss on drying (105 °C) 0,2% residue on ignition 0,2% iron (Fe) 0,003% heavy metals (as Pb) 0,002% chloride (Cl) 0,004% nitrate (NO_3) 0,005%	S. 2838	50 kg	price on request			
11226	Ammonium sulphate technical <i>Ammonium sulfate / Amonio sulfato</i> $(\text{NH}_4)_2\text{SO}_4$ $M = 132,14 \text{ g/mol}$ assay 99% arsenic (As) 0,001% iron (Fe) 0,005% heavy metals (as Pb) 0,003% chloride (Cl) 0,005%	PF. S. 2838	5 kg 50 kg	32,75 price on request	27,20	25,55	24,—
11232	Ammonium sulphide solution abt. 44% pure <i>Ammonium sulfure en solution / Amonio sulfuro en solución</i> 1 L \approx 1,00 kg	FL. FL. FPF. 2835	1 L 2,5 L 60 kg	13,— 26,75 price on request	11,05 22,20	10,40 20,85	10,— 20,—







R: 31-34 S: 26
disposal: 9

Ammonium sulphite monobasic solution see Ammonium hydrogen sulphite solution

11228	Ammonium sulphite solution 34% pure <i>Ammonium sulfite en solution / Amonio sulfito en solución</i> $(\text{NH}_4)_2\text{SO}_3$ $M = 116,14 \text{ g/mol}$ 1 L \approx 1,18 kg assay 33–35% residue on ignition 0,1% pH (20 °C) 7,3–7,6 iron (Fe) 0,0001% Ammonium sulphocyanide see Ammonium thiocyanate	FL. FPF. 2837	2,5 L 60 kg price on request	23,25 19,30 18,15 17,45
25504	Ammonium tartrate pure cryst. <i>Ammonium tartrate / Amonio tartrato</i> $(\text{NH}_4)_2\text{C}_4\text{H}_4\text{O}_6$ $\text{C}_4\text{H}_{12}\text{N}_2\text{O}_6$ $M = 184,15 \text{ g/mol}$ assay 99% pH (5%, 20 °C) 5,5–6,5 iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% sulphate (SO_4) 0,02%	PF. PF. S. 2916	500 g 1 kg 50 kg price on request price on request price on request	
31120	Ammonium thiocyanate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Ammonium thiocyanate / Amonio tiocianato</i> NH_4SCN $M = 76,12 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% residue on ignition (as sulphates) max. 0,02% pH range (5%, 20 °C) 4,5–6,0 iron (Fe) max. 0,0001% copper (Cu) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,004% sulphate (SO_4) max. 0,005% sulphide (S) max. 0,001% matters reducing iodine (as SO_2) max. 0,005%  R: 20/21/22-32 S: 2-13 disposal: 8	WG. WG. WG. FTP. 2844	250 g 500 g 1 kg 50 kg kg 15,50 23,75 41,75 21,75	13,20 20,20 35,50 21,75 12,40 19,— 33,40 11,65 18,30 32,15
11235	Ammonium thiocyanate chem. pure cryst. Erg. B. 6 <i>Ammonium thiocyanate / Amonio tiocianato</i> NH_4SCN $M = 76,12 \text{ g/mol}$ assay 99% residue on ignition 0,04% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% chloride (Cl) 0,005% sulphate (SO_4) 0,005%  R: 20/21/22-32 S: 2-13 disposal: 8	PF. PF. PF. S. 2844	500 g 1 kg 5 kg 50 kg 14,50 26,25 98,50 price on request	12,35 22,30 81,75 76,85 11,60 21,— 73,90
11236	Ammonium thiocyanate technical cryst. <i>Ammonium thiocyanate / Amonio tiocianato</i> NH_4SCN $M = 76,12 \text{ g/mol}$ assay 98%  R: 20/21/22-32 S: 2-13 disposal: 8	PF. S. 2844	2,5 kg 50 kg 43,50 price on request	36,10 33,95 32,65
38020	0,1 mol Ammonium thiocyanate FIXANAL® 7,612 g NH_4SCN for 1 L 0,1 N solution <i>0,1 mol Ammonium thiocyanate / 0,1 mol Amonio tiocianato</i> ampoule	3819	1 pack	8,75 7,45 7,— 6,55

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	
				(1 Box)	(4 Boxes)	(18 Boxes)	
11237	Ammonium thiosulphate pure cryst. <i>Ammonium thiosulfate / Amonio tiosulfato</i> $(\text{NH}_4)_2\text{S}_2\text{O}_3$ $M = 148,21 \text{ g/mol}$ assay 99,5% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,008% sulphate and sulphite (as SO_4) 1%	PF. PF. S. 2837	1 kg 5 kg 50 kg	16,— 59,50 price on request	13,60 49,40 price on request	12,80 46,40 price on request	12,— 4,— price on request
Ammonium tungstate see Ammonium paratungstate							
31153	Ammonium meta-vanadate R. G., Reag. Ph. Eur. I <i>Ammonium meta-vanadate / Amonio meta-vanadato</i> NH_4VO_3 $M = 116,98 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% lead (Pb) max. 0,002% iron (Fe) max. 0,001% chloride (Cl) max. 0,005% phosphate (PO_4) max. 0,005% sulphate (SO_4) max. 0,01%	PF. PF. PF. FTP. 2847	100 g 250 g 1 kg 50 kg	15,75 35,— 117,— price on request	13,40 29,75 99,45 price on request	12,60 28,— 93,60 price on request	12,— 26,— 90,— price on request
17840	Ammonium meta-vanadate PURANAL® <i>Ammonium meta-vanadate / Amonio meta-vanadato</i> NH_4VO_3 $M = 116,98 \text{ g/mol}$ analytical data on request	PF. FTP. 2847	1 kg 50 kg	price on request price on request			
14201	Ammonium meta-vanadate chem. pure <i>Ammonium meta-vanadate / Amonio meta-vanadato</i> NH_4VO_3 $M = 116,98 \text{ g/mol}$ assay 99% lead (Pb) 0,005% iron (Fe) 0,005% chloride (Cl) 0,005% phosphate (PO_4) 0,01% sulphate (SO_4) 0,01%	PF. PF. PF. FTP. 2847	100 g 250 g 1 kg 100 kg	9,75 21,75 71,50 price on request	8,30 18,50 60,80 price on request	7,80 17,40 57,20 price on request	7,— 16,— 55,— price on request
39285	Amygdalin BIOSYNTH® <i>Amygdaline / Amigdalina</i> $\text{C}_{20}\text{H}_{27}\text{NO}_{11}$ $M = 457,43 \text{ g/mol}$	WG. 2941	5 g	34,—	28,90	27,20	25,—
27231	iso-Amyl acetate chem. pure <i>iso-Amyle acetate / iso-Amilo acetato</i> $\text{CH}_3\text{COOC}_5\text{H}_{11}$ $\text{C}_7\text{H}_{14}\text{O}_2$ $M = 130,19 \text{ g/mol}$ 1 L \approx 0,87 kg boiling range 138—142 °C density (D_4^{20}) 0,871—0,874 refractive index (n_D^{20}) 1,4000—1,4010 non-volatile matter 0,005% water (according to Karl Fischer) 0,2% free acid (as CH_3COOH) 0,01% R: 10 S: 23 disposal: 6	FL. FL. FL. EKL. EKL. 2914	500 ml 1 L 2,5 L 25 kg 5x	16,75 30,— 60,— kg kg	14,25 25,50 49,80 11,05 10,75	13,40 24,— 46,80 11,05 10,75	12,— 23,— 45,— 11,05 10,75
27230	iso-Amyl acetate technical <i>iso-Amyle acetate / iso-Amilo acetato</i> $\text{CH}_3\text{COOC}_5\text{H}_{11}$ $\text{C}_7\text{H}_{14}\text{O}_2$ $M = 130,19 \text{ g/mol}$ 1 L \approx 0,88 kg boiling range 115—140 °C R: 10 S: 23 disposal: 6	FL. EKL. EKL. 2914	2,5 L 25 kg 5x	56,— kg kg	46,50 9,95 9,70	43,70 9,95 9,70	42,— 9,95 9,70

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
32206	Amyl alcohol R. G., Reag. Ph. Eur. I (Fermentation amyl alcohol)	FL.	500 ml	19,—	16,15	15,20	14,65
A 3/3		FL.	1 L	33,—	28,05	26,40	25,40
C 3.3 1105 2	<i>Alcool amylique / Alcohol amílico</i>	FL.	2,5 L	69,50	57,70	54,20	52,15
+35°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,81 kg assay min. 98% boiling range 130—132 °C density (D ₄ ²⁰) 0,811—0,814 refractive index (n _D ²⁰) 1,4070—1,4090 non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,2% free acid, ester (as CH ₃ COOH) max. 0,02% free alkali (as NaOH) max. 0,004%	2904					
	 R: 10-20 S: 24/25 disposal: 6						
32207	Amyl alcohol (Fermentation amyl alcohol) pure, boiling range 128-132 °C, for milk testing according to Gerber	FL.	1 L	23,25	19,75	18,60	17,90
A 3/3		2904					
C 3.3 1105 2	<i>Alcool amylique / Alcohol amílico</i>						
+35°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,81 kg  R: 10-20 S: 24/25 disposal: 6						
60038	Amyl alcohol (Fermentation amyl alcohol) PROSYNTH®	FL.	1 L	21,50	18,30	17,20	16,55
A 3/3	<i>Alcool amylique / Alcohol amílico</i>	2904					
C 3.3 1105 2	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,81 kg assay (GC) 98% boiling range 130—132 °C refractive index (n _D ²⁰) 1,408						
+35°C	 R: 10-20 S: 24/25 disposal: 6						
24120	Amyl alcohol (Fermentation amyl alcohol) pure	FL.	1 L	22,75	19,35	18,20	17,50
A 3/3	<i>Alcool amylique / Alcohol amílico</i>	FL.	2,5 L	46,—	38,20	35,90	34,50
C 3.3 1105 2	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,81 kg boiling range 128—132 °C	EKL.	20 kg	kg	10,50		
+35°C		EKL.	5x	kg	9,95		
		2904					
	<i>prim.-n-Amyl alcohol</i> see Pentanol-(1) <i>sec.-n-Amyl alcohol</i> see Pentanol-(2) <i>tert.-Amyl alcohol</i> see 2-Methylbutanol-(2) <i>iso-Amyl alcohol</i> (so-called) see 3-Methyl-1-butanol <i>n-Amylamine</i> see Pentylamine <i>Amylase</i> see Diastase <i>n-Amyl-bromide</i> see 1-Bromopentane <i>iso-Amyl bromide</i> see 1-Bromo-3-methylbutane						
20107	<i>sec.-Amyl-β-bromoallylbarbituric acid</i> <i>Acide sec.-amyl-β-bromoallylbarbiturique / Acido sec.-amil-β-bromalilbarbitúrico</i>	PF.	1 kg	price on request			
	<i>Amylene hydrate</i> see 2-Methylbutanol-(2)	FTP.	25 kg	price on request			
		2925					
	<i>Amylether</i> see Di- <i>iso</i> -amyl ether <i>n-Amyl methyl ketone</i> see Heptanone-(2)						
27803	<i>iso-Amyl nitrate</i>	FL.	250 ml	75,—	63,75	60,—	56,25
A 3/3	<i>iso-Amyle nitrate / iso-Amilo nitrato</i>	FL.	1 L	250,—	212,50	200,—	192,50
C 3.3 1112 2	(CH ₃) ₂ CHCH ₂ CH ₂ ONO ₂	2921					
+48°C	C ₅ H ₁₁ NO ₃ M = 133,15 g/mol 1 L ≈ 1,00 kg  R: 10-20/21/22 disposal: 16						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9
(1 Box) (4 Boxes) (18 Boxes)

27804 iso-Amyl nitrite pure N. F. XIV, DAB 8
A 3/1A iso-Amyle nitrite / iso-Amilo nitrito
C 3.1 1113 2 (CH₃)₂CHCH₂CH₂ONO
-18 °C C₅H₁₁NO₂ M = 117,15 g/mol 1 L ≈ 0,88 kg
assay (GC) 97%
boiling range 96,5–99 °C
refractive index (n_D²⁰) 1,387–1390
non-volatile matter 0,01%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 11-23/24/25 S: 1-13-45
disposal: 20

63950 Amyl iso-propyl ketone PROSYNTH®
A 3/3 Amyle iso-propylcétone / Amilo iso-propilcetona
C 3.3 1224 2 CH₃(CH₂)₄COCH(CH₃)CH₃
+54 °C C₉H₁₈O M = 142,24 g/mol 1 L ≈ 0,82 kg
assay (GC) 97%
boiling range (at 27 mbar) 70–72 °C
refractive index (n_D²⁰) 1,418

R: 10 disposal: 6

Amylum see Starch

Analysis of aqueous solutions see Test sets AQUANAL®

Aneurin hydrochloride see Thiaminium dichloride

64515 α-Angelicalactone PROSYNTH®
α-Angélicalactone / α-Angélicalactona
CH₃C=CHCH₂COO
C₅H₆O₂ M = 98,10 g/mol
assay (GC) 98%
boiling range (at 16 mbar) 56–58 °C
refractive index (n_D²⁰) 1,448

Anhydrone see Magnesium perchlorate (for drying)

35845 Anilazine min. 99% PESTANAL®
(2,4-Dichloro-6-[2-chloroaniline]-1,3,5-triazine)
N=CCIN=CCIN=CNHC=CCICH=CHCH=CH
C₉H₅Cl₃N₄ M = 275,52 g/mol

33029 Aniline R. G., Reag. ACS, Reag. Ph. Eur. I
A 6.1/11B Aniline / Anilina
C 6.1 1547 2 C₆H₅NH₂
C₆H₇N M = 93,13 g/mol 1 L ≈ 1,02 kg
assay (GC) min. 99,5%
boiling range 182–185 °C
density (D₄²⁰) 1,021–1,023
refractive index (n_D²⁰) 1,5850–1,5860
water (according to Karl Fischer) max. 0,1%
sulphated ash max. 0,005%
chlorobenzene max. 0,01%
nitrobenzene max. 0,001%




R: 23/24/25-33 S: 28-36/37-44
disposal: 19

15112 Aniline chem. pure Erg. B. 6
A 6.1/11B Aniline / Anilina
C 6.1 1547 2 C₆H₅NH₂
C₆H₇N M = 93,13 g/mol 1 L ≈ 1,02 kg
assay (GC) 99,5%
boiling range 182–183 °C
density (D₄²⁰) 1,021–1,022
refractive index (n_D²⁰) 1,5850–1,5860
sulphated ash 0,01%









R: 23/24/25-33 S: 28-36/37-44
disposal: 19

FL.	250 ml	19,25	16,35	15,40	14,50
2921					
FL.	10 g	27,75	23,60	22,20	20,80
2913					
FL.	10 g	26,—	22,10	20,80	19,40
2935					
FL.	1 g	35,75	30,40	28,60	26,80
2935					
FL.	250 ml	17,75	15,10	14,20	13,30
FL.	1 L	43,50	37,—	34,80	33,—
2922					
FL.	1 L	20,25	17,20	16,20	15,20
FL.	2,5 L	41,75	34,65	32,55	31,—
EKS.	40 kg	kg	7,40		
2922					

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
32703	Aniline blue water-soluble for microscopy <i>Bleu d' aniline / Azul de anilina</i>	WG. WG. 3205	25 g 100 g	10,25 16,50	8,70 14,05	8,20 13,20	7,70 12,40
15111	Aniline chloride cryst. <i>Aniline chlorhydrate / Anilina cloruro</i>	PF. PF. 2922	1 kg 2,5 kg	49,25 109,—	41,85 90,45	39,40 85,—	37,90 81,75
A 6.1/21 C 6.1 1548 3	<chem>C6H5NH2 · HCl</chem> <chem>C6H5ClN</chem> <i>M</i> = 129,59 g/mol assay 99,5% melting range 196—198 °C sulphated ash 0,05%  R: 23/24/25-33 S: 28-36/37-44 disposal: 7 Aniline red see Rubin S Anilingreen see Malachite green 4-(p-Anilinphenylazo)-benzenesulphonic acid sodium salt see Tropaeolin OO 3-(4'-Anilinphenylazo)-benzene-1-sulphonic acid sodium salt see Metanil yellow Anilin-m-sulphonic acid see Metanilic acid p-Anilinsulphonic acid see Sulphanilic acid Anilinviolet see Gentian violet						
18816	Animal (bone) oil crude <i>Huile animale / Aceite animal</i>	FL. EKL. 3819	1 L 30 kg	17,50 price on request	14,90	14,—	13,50
A 3/4 C 3.3 1993 2 +60 °C	 Anion exchangers see Ion exchangers						
62759	2-Anisaldehyde PROSYNTH® <i>Aldéhyde 2-anisique / Aldehido 2-anísico</i> <chem>CH3OC6H4CHO</chem> <chem>C8H8O2</chem> <i>M</i> = 136,15 g/mol assay (GC) 99% melting range 36—38 °C	WG. 2911	50 g	14,25	12,10	11,40	10,70
62760	3-Anisaldehyde PROSYNTH® <i>Aldéhyde 3-anisique / Aldehido 3-anísico</i> <chem>CH3OC6H4CHO</chem> <chem>C8H8O2</chem> <i>M</i> = 136,15 g/mol assay (GC) 98% boiling range 230—233 °C refractive index (<i>n</i> _D ²⁰) 1,553	FL. 2911	25 ml	47,50	40,40	38,—	35,65
15169	4-Anisaldehyde <i>Aldéhyde 4-anisique / Aldehido 4-anísico</i> <chem>C6H4(CHO)(OCH3)</chem> <chem>C8H8O2</chem> <i>M</i> = 136,15 g/mol assay 98% density (<i>D</i> ₄ ²⁰) 1,121—1,126 refractive index (<i>n</i> _D ²⁰) 1,5700—1,5730	FL. FL. 2911	250 ml 1 L	26,25 89,50	22,30 76,10	21,— 71,60	19,70 68,90
62097	Anise alcohol PROSYNTH® <i>Alcool anisique / Alcohol anísico</i> <chem>CH3OC6H4CH2OH</chem> <chem>C8H10O2</chem> <i>M</i> = 138,17 g/mol assay (GC) 99% boiling range 256—259 °C refractive index (<i>n</i> _D ²⁰) 1,542	FL. 2908	100 ml	27,75	23,60	22,20	20,80
A 6.1/22 C 6.1 2810 1	 o-Anisic acid see 2-Methoxybenzoic acid m-Anisic acid see 3-Methoxybenzoic acid p-Anisic acid see 4-Methoxybenzoic acid						

HYDRANAL® a new Karl Fischer reagent

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (6 Boxes)	24x (24 Boxes)	100x (100 Boxes)
62098	2-Anisidine PROSYNTH® 2-Anisidine / 2-Anisidina CH ₃ OC ₆ H ₄ NH ₂ C ₇ H ₉ NO M = 123,15 g/mol assay (GC) 98% boiling range 222–225 °C refractive index (n _D ²⁰) 1,573  R: 26/27/28-33 S: 28-36/37-45 disposal: 19	FL. 2923	1 L	43,25	36,75	34,60	
62099	3-Anisidine PROSYNTH® 3-Anisidine / 3-Anisidina CH ₃ OC ₆ H ₄ NH ₂ C ₇ H ₉ NO M = 123,15 g/mol assay (GC) 97% boiling range 247–250 °C refractive index (n _D ²⁰) 1,581  R: 26/27/28-33 S: 28-36/37-45 disposal: 19	FL. 2923	500 ml	134,50	114,35	107,60	10
62100	4-Anisidine PROSYNTH® 4-Anisidine / 4-Anisidina CH ₃ OC ₆ H ₄ NH ₂ C ₇ H ₉ NO M = 123,15 g/mol assay (GC) 98% melting range 56–59 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 19	WG. 2923	250 g	18,—	15,30	14,40	1
33031	Anisole R. G. Anisole / Anisol C ₆ H ₅ OCH ₃ C ₇ H ₈ O M = 108,14 g/mol assay (GC) min. 99,5% boiling range 152–154 °C density (D ₄ ²⁰) 0,998–0,999 refractive index (n _D ²⁰) 1,5160–1,5180 sulphated ash max. 0,02% R: 10 disposal: 6	FL. FL. 2908	500 ml 2,5 L	35,— 140,—	29,75 116,20	28,— 109,20	26 105
4-Anisoyl chloride see 4-Methoxybenzoyl chloride							
Anisyl alcohol see Anise alcohol							
Anone see Cyclohexanone							
56019	ANPD for scintillation (2-[Naphthyl-(1)]-5-phenyl-1,3,4-oxadiazole) C ₁₈ H ₁₂ N ₂ O M = 272,31 g/mol melting range 119–121 °C	WG. 2935	5 g	81,50	69,30	65,20	61
56000	Anthracene for scintillation Anthracène / Antraceno C ₆ H ₄ CH = C ₆ H ₄ = CH C ₁₄ H ₁₀ M = 178,23 g/mol assay (UV) 99% melting range 216–217 °C log ε/358 (dioxan) 3,885	WG. 2901	100 g	143,—	121,55	114,40	107
15104	Anthracene pure Anthracène / Antraceno C ₆ H ₄ CH = C ₆ H ₄ = CH C ₁₄ H ₁₀ M = 178,23 g/mol	PF. PF. 2901	100 g 500 g	27,25 113,—	23,15 96,05	21,80 90,40	20 87

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
64285	9-Anthracenecarbaldehyde PROSYNTH® <i>Anthracènecarbaldéhyde-9 / 9-Antracenocarbaldehido</i> $C_{15}H_{10}O$ $M = 206,24$ g/mol assay (GC) 97% melting range 101–103 °C Anthraflavine see 2,6-Dihydroxyanthraquinone 9-Anthraldehyde see 9-Anthracenecarbaldehyde Anthranilic acid see 2-Aminobenzoic acid Anthranilic acid nitrile see 2-Aminobenzonitrile	PF. 2911	25 g	95,50	81,20	76,40	71,65
62101	Anthraquinone PROSYNTH® <i>Anthraquinone / Antraquinona</i> $C_{14}H_8O_2$ $M = 208,22$ g/mol assay (UV) 99% melting range 285–286 °C log ϵ_{251} (CH ₃ OH) 4,678	PF. 2913	500 g	24,—	20,40	19,20	18,50
64510	Anthraquinone-2-sulphonic acid sodium salt PROSYNTH® <i>Acide antraquinone-2-sulfonique sel sodique / Acido antraquinona-2-sulfónico sal sódica</i> $C_{14}H_7NaO_5S \cdot H_2O$ $M = 328,28$ g/mol assay 90%	WG. 2913	25 g	13,—	11,05	10,40	9,75
33032	Anthrone R. G. <i>Anthrone / Antrona</i> $C_{14}H_{10}O$ $M = 194,23$ g/mol Antifebrine see Acetanilide Antihalo dye-stuffs see Photographic dyes	WG. WG. 2913	5 g 25 g	11,— 41,50	9,35 35,30	8,80 33,20	8,25 31,15
31171	Antimony R. G. <i>Antimoine / Antimonio</i> Sb $M = 121,75$ g/mol assay 99,995%	FL. WG. 8104	10 g 100 g	price on request price on request			
11149	Antimony pure small lumps <i>Antimoine / Antimonio</i> Sb $M = 121,75$ g/mol	PF. PF. 8104	250 g 1 kg	price on request price on request			
38630	0,100 g Antimony FIXANAL® water-soluble standard for atom absorption <i>0,100 g Antimoine / 0,100 g Antimonio</i> ampoule  R: 34-37 S: 26 disposal: 2	3819	1 pack	10,25	8,70	8,20	7,70
38815	10,00 g Antimony FIXANAL® as Antimony(III) chloride <i>10,00 g Antimoine / 10,00 g Antimonio</i> ampoule  R: 34-37 S: 26 disposal: 2	3819	1 pack	18,75	15,95	15,—	14,05
38551	1,00 g Antimony FIXANAL® watersoluble standard for atom absorption <i>1,00 g Antimoine / 1,00 g Antimonio</i> ampoule  R: 34-37 S: 26 disposal: 2	3819	1 pack	10,25	8,70	8,20	7,70

31121 Antimony(III) chloride R.G., Reag. ACS, Reag. Ph. Eur. I
A 8/12 Antimoine(III) chlorure / Antimonio(III) cloruro
C 8 1733 2 SbCl₃ M = 228,11 g/mol

assay min. 99%
insoluble in chloroform max. 0,01%
insoluble in hydrochlorid acid max. 0,005%
arsenic (As) max. 0,005%
lead (Pb) max. 0,003%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
potassium (K) max. 0,005%
copper (Cu) max. 0,0005%
sodium (Na) max. 0,005%
sulphate (SO₄) max. 0,005%



R: 34-37 S: 26
disposal: 2

PF.
FTP.
2830

1 kg price on request
50 kg price on request

31175 Antimony(III) chloride R. G., Reag. ACS, Reag. Ph. Eur. I
A 8/12 Antimoine(III) chlorure / Antimonio(III) cloruro
C 8 1733 2 bottle of 100 g

SbCl₃ M = 228,11 g/mol

assay min. 99%
insoluble in chloroform max. 0,02%
insoluble in hydrochlorid acid max. 0,005%
arsenic (As) max. 0,005%
lead (Pb) max. 0,003%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
potassium (K) max. 0,005%
copper (Cu) max. 0,0005%
sodium (Na) max. 0,005%
sulphate (SO₄) max. 0,005%



R: 34-37 S: 26
disposal: 2

2830

1 pack price on request

31176 Antimony(III) chloride R. G., Reag. ACS, Reag. Ph. Eur. I
A 8/12 Antimoine(III) chlorure / Antimonio(III) cloruro
C 8 1733 2 bottle of 250 g

SbCl₃ M = 228,11 g/mol

assay min. 99%
insoluble in chloroform max. 0,02%
insoluble in hydrochloric acid max. 0,005%
arsenic (As) max. 0,005%
lead (Pb) max. 0,003%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
potassium (K) max. 0,005%
copper (Cu) max. 0,0005%
sodium (Na) max. 0,005%
sulphate (SO₄) max. 0,005%



R: 34-37 S: 26
disposal: 2

2830

1 pack price on request

31177 Antimony(III) chloride R. G., Reag. ACS, Reag. Ph. Eur. I
A 8/12 Antimoine(III) chlorure / Antimonio(III) cloruro
C 8 1733 2 bottle of 500 g

SbCl₃ M = 228,11 g/mol






assay min. 99%
insoluble in chloroform max. 0,02%
arsenic (As) max. 0,005%
lead (Pb) max. 0,003%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
potassium (K) max. 0,005%
copper (Cu) max. 0,0005%
sodium (Na) max. 0,005%
sulphate (SO₄) max. 0,005%










R: 34-37 S: 26
disposal: 2

2830




1 pack price on request








Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
31178	Antimony(III) chloride R. G., Reag. ACS, Reag. Ph. Eur. I	2830	1 pack	price on request		
A 8/12	Antimoine(III) chlorure / Antimonio(III) cloruro					
C 8 1733 2	bottle of 1 kg					
	SbCl ₃ M = 228,11 g/mol					
	assay min. 99%					
	insoluble in chloroform max. 0,02%					
	insoluble in hydrochloric acid max. 0,005%					
	arsenic (As) max. 0,005%					
	lead (Pb) max. 0,003%					
	calcium (Ca) max. 0,005%					
	iron (Fe) max. 0,001%					
	potassium (K) max. 0,005%					
	copper (Cu) max. 0,0005%					
	sodium (Na) max. 0,005%					
	substances not precipitated by hydrogen sulphide					
	(as sulphates) max. 0,1%					
	sulphate (SO ₄) max. 0,005%					
	 R: 34-37 S: 26 disposal: 2					
11106	Antimony(III) chloride pure lumps	FTP.	50 kg	price on request		
A 8/12	Antimoine(III) chlorure / Antimonio(III) cloruro	2830				
C 8 1733 2						
	SbCl ₃ M = 228,11 g/mol					
	assay 99,8%					
	insoluble in hydrochloric acid 0,01%					
	arsenic (As) 0,03%					
	iron (Fe) 0,001%					
	 R: 34-37 S: 26 disposal: 2					
11140	Antimony(III) chloride	2830	1 pack	price on request		
A 8/12	Antimoine(III) chlorure / Antimonio(III) cloruro					
C 8 1733 2	bottle of 250 g					
	SbCl ₃ M = 228,11 g/mol					
	assay 99,8%					
	insoluble in hydrochloric acid 0,01%					
	arsenic (As) 0,03%					
	iron (Fe) 0,001%					
	 R: 34-37 S: 26 disposal: 2					
11141	Antimony(III) chloride	2830	1 pack	price on request		
A 8/12	Antimoine(III) chlorure / Antimonio(III) cloruro					
C 8 1733 2	bottle of 500 g					
	SbCl ₃ M = 228,11 g/mol					
	assay 99,8%					
	insoluble in hydrochloric acid 0,01%					
	arsenic (As) 0,03%					
	iron (Fe) 0,001%					
	 R: 34-37 S: 26 disposal: 2					
11142	Antimony(III) chloride	2830	1 pack	price on request		
A 8/12	Antimoine(III) chlorure / Antimonio(III) cloruro					
C 8 1733 2	bottle of 1 kg					
	SbCl ₃ M = 228,11 g/mol					
	assay 99,8%					
	insoluble in hydrochloric acid 0,01%					
	arsenic (As) 0,03%					
	iron (Fe) 0,001%					
	 R: 34-37 S: 26 disposal: 2					



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (64 Boxes)
11143	Antimony(III) chloride <i>Antimoine(III) chlorure / Antimonio(III) cloruro</i> bottle of 5 kg	2830	1 pack	price on request			
A 8/12 C 8 1733 2	<chem>SbCl3</chem> M = 228,11 g/mol assay 99,8% insoluble in hydrochloric acid 0,01% arsenic (As) 0,03% iron (Fe) 0,001%  R: 34-37 S: 26 disposal: 2						
11108	Antimony(III) chloride solution abt. 40%, technical <i>Antimoine(III) chlorure en solution / Antimonio(III) cloruro en solución</i>	FL. STP. 2830	1 L 40 kg	price on request price on request			
A 8/5 C 8 1733 2	<chem>SbCl3</chem> M = 228,11 g/mol 1 L ≈ 1,45 kg  R: 34-37 S: 26 disposal: 2						
11152	Antimony(V) chloride <i>Antimoine(V) chlorure / Antimonio(V) cloruro</i> bottle of 100 ml	2830	1 pack	price on request			
A 8/11A C 8 1730 2	<chem>SbCl5</chem> M = 299,02 g/mol 1 L ≈ 2,36 kg assay 99,5% melting point + 3 °C iron (Fe) 0,003%  R: 34-37 S: 26 disposal: 11						
11153	Antimony(V) chloride <i>Antimoine(V) chlorure / Antimonio(V) cloruro</i> bottle of 500 ml	2830	1 pack	price on request			
A 8/11A C 8 1730 2	<chem>SbCl5</chem> M = 299,02 g/mol 1 L ≈ 2,36 kg assay 99,5% melting point + 3 °C iron (Fe) 0,003%  R: 34-37 S: 26 disposal: 11						
11111	Antimony(V) chloride <i>Antimoine(V) chlorure / Antimonio(V) cloruro</i>	TS. 2830	50 kg	price on request			
A 8/11A C 8 1730 2	<chem>SbCl5</chem> M = 299,02 g/mol 1 L ≈ 2,36 kg assay 99,5% melting point + 3 °C iron (Fe) 0,003%  R: 34-37 S: 26 disposal: 11						
01113	Antimony(III) fluoride <i>Antimoine(III) fluorure / Antimonio(III) fluoruro</i>	PF. PF. FTP. 2829	250 g 1 kg 50 kg	price on request price on request price on request			
A 6.1/75 C 6.1 1549 3	<chem>SbF3</chem> M = 178,75 g/mol assay 99% iron (Fe) 0,01% sulphate (SO ₄) 0,2%  R: 23/24/25 S: 7-26-44 disposal: 27						
01259	Antimony(III) fluoride solution 50% <i>Antimoine(III) fluorure en solution / Antimonio(III) fluoruro en solución</i>	STP. 2829	45 kg	price on request			
A 8/6D C 8 1790 2	<chem>SbF3</chem> M = 178,75 g/mol 1 L ≈ 1,68 kg assay (SbF ₃) 50% free hydrofluoric acid (HF) 2-5% iron (Fe) 0,005%  R: 23/24/25 S: 7-26-44 disposal: 27						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
31122	Antimony(III) oxide R. G. <i>Antimoine(III) oxyde / Antimonio(III) óxido</i> Sb ₂ O ₃ M = 291,50 g/mol assay min. 99% insoluble in hydrochloric acid max. 0,01% arsenic (As) max. 0,002% lead (Pb) max. 0,002% calcium (Ca) max. 0,002% iron (Fe) max. 0,002% copper (Cu) max. 0,0002% sodium (Na) max. 0,005% zinc (Zn) max. 0,001% chloride (Cl) max. 0,02% sulphate (SO ₄) max. 0,005%	PF. PF. PF. RRB. 2828	100 g 500 g 1 kg 50 kg	price on request price on request price on request price on request			
11115	Antimony(III) oxide chem. pure <i>Antimoine(III) oxyde / Antimonio(III) óxido</i> Sb ₂ O ₃ M = 291,50 g/mol assay 99,5% arsenic (As) 0,005% lead (Pb) 0,01% calcium (Ca) 0,01% iron (Fe) 0,002% copper (Cu) 0,0003% sodium (Na) 0,01% zinc (Zn) 0,002% chloride (Cl) 0,05% sulphate (SO ₄) 0,01%	PF. PF. RRB. 2828	500 g 1 kg 50 kg	price on request price on request price on request			
11123	Antimony(III) oxide special quality <i>Antimoine(III) oxyde / Antimonio(III) óxido</i> Sb ₂ O ₃ M = 291,50 g/mol assay 99% arsenic (As) 0,05% lead (Pb) 0,01% iron (Fe) 0,002% copper (Cu) 0,0005% zinc (Zn) 0,002% chloride (Cl) 0,05% sulphate (SO ₄) 0,01%	PF. FTP. 2828	1 kg 50 kg	price on request price on request			
11117	Antimony(III) oxide 99%, technical <i>Antimoine(III) oxyde / Antimonio(III) óxido</i> Sb ₂ O ₃ M = 291,50 g/mol assay 99,5% arsenic (As) 0,1% lead (Pb) 0,1% iron (Fe) 0,1%	PF. PF. S. 2828	1 kg 5 kg 50 kg	price on request price on request price on request			
11174	Antimony(IV) oxide 98% Sb₂O₄ <i>Antimoine(IV) oxyde / Antimonio(IV) óxido</i> Sb ₂ O ₄ M = 307,50 g/mol	PF. 2828	1 kg	price on request			
11175	Antimony(V) oxide 98% Sb₂O₅ <i>Antimoine(V) oxyde / Antimonio(V) óxido</i> Sb ₂ O ₅ M = 323,50 g/mol Antimony pentachloride see Antimony(V) chloride Antimony pentasulphide see Antimony(V) sulphide Antimony potassium tartrate see Potassium antimony tartrate	PF. 2828	1 kg	price on request			
11121	Antimony(III) sulphide black natural powder <i>Antimoine(III) sulfure / Antimonio(III) sulfuro</i> Sb ₂ S ₃ M = 339,70 g/mol assay of Sb 62—65% insoluble in hydrochloric acid 8—10% Antimony trichloride see Antimony(III) chloride Antimony trifluoride see Antimony(III) fluoride Antimony trioxide see Antimony(III) oxide	PF. PF. S. 2601	250 g 1 kg 50 kg	price on request price on request price on request			

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	9x
					(1 Box)	(4 Boxes)	(18 Boxes)
Antimony trisulphide see Antimony(III) sulphide							
Antipyreticum "Riedel" see Phenazone							
Antipyreticum salicylicum "Riedel" see Phenazone salicylate							
Antipyrin see 1-Phenyl-2,3-dimethylpyrazolone-(5)							
39610	Apiezon® grease M for gas chromatography <i>Apiezon® graisse M / Apiezon® grasa M</i> working temperature 75 to 260 °C	WG. 3819	50 g	106,—	90,10	84,80	79
39609	Apiezon® grease L for gas chromatography <i>Apiezon® graisse L / Apiezon® grasa L</i> working temperature 50 to 260 °C	WG. 3819	50 g	174,—	147,90	139,20	130
34717	AQUANAL® GH reagent for the determination of total water hardness	PF. 3819	100 ml	21,—	17,85	16,80	15
34713	AQUANAL® RH reagent for the determination of residual water hardness	PF. 3819	100 ml	21,—	17,85	16,80	15
34718	AQUANAL® SV reagent for the determination of acid consumption in water	PF. 3819	100 ml	21,—	17,85	16,80	15
34714	AQUANAL® Mixed indicator RH package of 15 g	3819	1 pack	21,—	17,85	16,80	15
AQUANAL® We supply under the registered trade mark AQUANAL® test sets for quantitative analysis of aqueous solutions (e.g. waste water) on metals and non-metallic substances within the range of 0.5 to 10 mg/litre (ppm) and 5 to 100 mg/litre (ppm) see Test sets AQUANAL®							
39125	D(-)-Arabinose BIOSYNTH® <i>D(-)-Arabinose / D(-)-Arabinosa</i> $\text{CH}_2(\text{CHOH})_4\text{O}$ $\text{C}_5\text{H}_{10}\text{O}_5$ $M = 150,13$ g/mol melting range 157—159 °C specific rotation $([\alpha]_D^{20}; c = 10 \text{ in H}_2\text{O})$ -104° ± 1°	WG. 2943	10 g	22,—	18,70	17,60	16,5
39236	DL-Arabinose BIOSYNTH® <i>DL-Arabinose / DL-Arabinosa</i> $\text{CH}_2(\text{CHOH})_4\text{O}$ $\text{C}_5\text{H}_{10}\text{O}_5$ $M = 150,13$ g/mol	WG. 2943	10 g	23,25	19,75	18,60	17,4
39126	L(+)-Arabinose BIOSYNTH® <i>L(+)-Arabinose / L(+)-Arabinosa</i> $\text{CH}_2(\text{CHOH})_4\text{O}$ $\text{C}_5\text{H}_{10}\text{O}_5$ $M = 150,13$ g/mol melting range 157—159 °C specific rotation $([\alpha]_D^{20}; c = 10 \text{ in H}_2\text{O})$ +104° ± 1°	WG. 2943	25 g	25,75	21,90	20,60	19,3
39123	D(+)-Arabitol BIOSYNTH® <i>D(+)-Arabitol / D(+)-Arabita</i> $\text{HOCH}_2(\text{CHOH})_3\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}_5$ $M = 152,15$ g/mol melting range 102—103 °C specific rotation $([\alpha]_D^{20}; c = 9 \text{ in saturated borax-solution})$ +7° ± 0,5°	FL. 2904	1 g	18,50	15,75	14,80	13,90
39124	L(-)-Arabitol BIOSYNTH® <i>L(-)-Arabitol / L(-)-Arabita</i> $\text{HOCH}_2(\text{CHOH})_3\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}_5$ $M = 152,15$ g/mol melting range 98—100 °C	FL. 2904	1 g	25,50	21,70	20,40	19,15





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
39345	D(+)-Arabonic acid potassium salt BIOSYNTH® <i>Acide D(+)-arabonique, sel potassique / Acido D(+)-arabónico, sal potásica</i> $\text{HOCH}_2(\text{CHOH})_3\text{COOK}$ $\text{C}_5\text{H}_9\text{KO}_6 \quad M = 204,22 \text{ g/mol}$		WG. 2916	10 g	70,50	59,95	56,40	52,90
39346	DL-Arginine BIOSYNTH® <i>DL-Arginine / DL-Arginina</i> $\text{HN} = \text{C}(\text{NH}_2)\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_6\text{H}_{14}\text{N}_4\text{O}_2 \quad M = 174,20 \text{ g/mol}$		FL. 2923	1 g	16,—	13,60	12,80	12,—
39024	L(+)-Arginine BIOSYNTH® <i>L(+)-Arginine / L(+)-Arginina</i> $\text{NH} = \text{C}(\text{NH}_2)\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_6\text{H}_{14}\text{N}_4\text{O}_2 \quad M = 174,20 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=8 in HCl 6 mol/l) . $+27^\circ \pm 1^\circ$		PF. 2923	100 g	33,25	28,25	26,60	24,95
39005	D(-)-Arginine monohydrochloride BIOSYNTH® <i>D(-)-Arginine monochlorhydrate / D(-)-Arginina monoclórhidrato</i> $\text{HN} = \text{C}(\text{NH}_2)\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl}$ $\text{C}_6\text{H}_{15}\text{ClN}_4\text{O}_2 \quad M = 210,66 \text{ g/mol}$ assay (ex Cl) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in H_2O) $-12,1^\circ \pm 1^\circ$		FL. 2923	1 g	124,—	105,40	99,20	93,—
39174	DL-Arginine monohydrochloride BIOSYNTH® <i>DL-Arginine monochlorhydrate / DL-Arginina monoclórhidrato</i> $\text{HN} = \text{C}(\text{NH}_2)\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl}$ $\text{C}_6\text{H}_{15}\text{ClN}_4\text{O}_2 \quad M = 210,66 \text{ g/mol}$ assay (ex N) 95% melting range $209-210^\circ \text{C}$		WG. 2926	5 g	47,—	39,95	37,60	35,25
39006	L(+)-Arginine monohydrochloride BIOSYNTH® <i>L(+)-Arginine monochlorhydrate / L(+)-Arginina monoclórhidrato</i> $\text{HN} = \text{C}(\text{NH}_2)\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl}$ $\text{C}_6\text{H}_{15}\text{ClN}_4\text{O}_2 \quad M = 210,66 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=8 in HCl 6 mol/l) . $+22^\circ \pm 1^\circ$		PF. 2923	100 g	29,—	24,65	23,20	21,75
63244	2-Arsanilic acid PROSYNTH® <i>Acide 2-arsanilique / Acido 2-arsanílico</i> $\text{NH}_2\text{C}_6\text{H}_4\text{AsO}_3\text{H}_2$ $\text{C}_6\text{H}_8\text{AsNO}_3 \quad M = 217,06 \text{ g/mol}$ assay 98% melting range $149-152^\circ \text{C}$  R: 23/25 S: 1/2-20/21-28-44 disposal: 10		WG. 2934	10 g	30,75	26,15	24,60	23,05
63245	4-Arsanilic acid PROSYNTH® <i>Acide 4-arsanilique / Acido 4-arsanílico</i> $\text{NH}_2\text{C}_6\text{H}_4\text{AsO}_3\text{H}_2$ $\text{C}_6\text{H}_8\text{AsNO}_3 \quad M = 217,06 \text{ g/mol}$ assay 98%  R: 23/25 S: 1/2-20/21-28-44 disposal: 10		WG. 2934	100 g	12,—	10,20	9,60	9,—
33085	Arsenazo I R. G. <i>Arsénazo I / Arsenazo I</i> $\text{NaO}(\text{OH})\text{OAsC}_6\text{H}_4\text{N} = \text{NC}_{10}\text{H}_3(\text{OH})_2(\text{SO}_3\text{Na})_2 \cdot 3\text{H}_2\text{O}$ $\text{C}_{16}\text{H}_{10}\text{AsN}_2\text{Na}_3\text{O}_{11}\text{S}_2 \cdot 3\text{H}_2\text{O} \quad M = 668,33 \text{ g/mol}$  R: 23/25 S: 1/2-20/21-28-44 disposal: 10		WG. 2934	10 g	27,—	22,95	21,60	20,25





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	9	9
			(1 Box)	(4 Boxes)	(18 Boxes)	(18 Boxes)	(18 Boxes)
33086	Arsenazo III R. G.	WG. 2934	5 g	38,25	32,50	30,60	28
A 6.1/52A	Arsénazo III / Arsenazo III						
C 6.1 1557 3	(HO) ₂ OAsC ₆ H ₄ N = NC ₁₀ H ₂ (OH) ₂ (SO ₃ H) ₂ N = NC ₆ H ₄ AsO(OH) ₂ C ₂₂ H ₁₈ As ₂ N ₄ O ₁₄ S ₂ M = 776,38 g/mol						
	 R: 23/25 S: 1/2-20/21-28-44 disposal: 10						
31140	Arsenic R.G.	A. 2804	25 g	89,50	76,10	71,60	67
A 6.1/52	Arsenic / Arsénico						
C 6.1 1558 2	As M = 74,92 g/mol						
	 R: 23/25 S: 1/2-20/21-28-44 disposal: 10						
38615	0,100 g Arsenic FIXANAL [®] water-soluble standard for atom	3819	1 pack	10,25	8,70	8,20	7
A 6.1/52	absorption						
C 6.1 1556 2	0,100 g Arsenic / 0,100 g Arsénico						
	ampoule						
	 R: 25-36/38 S: 25-44 disposal: 10						
38820	10,00 g Arsenic FIXANAL [®] as Sodium arsenite	3819	1 pack	18,75	15,95	15,—	14
A 6.1/52A	10,00 g Arsenic / 10,00 g Arsénico						
C 6.1 1556 2							
	ampoule						
	 R: 25-36/38 S: 25-44 disposal: 10						
38552	1,00 g Arsenic FIXANAL [®] watersoluble standard for atom	3819	1 pack	10,25	8,70	8,20	7
A 6.1/52	absorption						
C 6.1 1556 2	1,00 g Arsenic / 1,00 g Arsénico						
	ampoule						
	 R: 25-36/38 S: 25-44 disposal: 10						
11305	ortho-Arsenic acid technical	FL. 2813	† 1 L	27,75	24,70	23,30	21,9
A 6.1/52A	Acide ortho-arsénique / Acido orto-arsénico						
C 6.1 1553 1	H ₃ AsO ₄ M = 141,94 g/mol 1 L ≈ 2,05 kg assay 80,5%						
11309	Arsenic(III) chloride chem. pure	FL. 2814	500 ml	178,—	151,30	142,40	137,0
A 6.1/52	Arsenic(III) chlorure / Arsénico(III) cloruro						
B 6.1/52C	AsCl ₃ M = 181,28 g/mol 1 L ≈ 2,15 kg						
C 6.1 1560 1	assay 99,5% boiling range 129—131 °C						
	 R: 23/25 S: 1/2-20/21-28-44 disposal: 10						
31123	Arsenic(III) oxide R. G., Reag. ACS, Reag. Ph. Eur. I	PF. PF. 2813	250 g 1 kg	17,50 51,50	14,90 43,80	14,— 41,20	13,1 39,6
A 6.1/52A	Arsenic(III) oxyde / Arsénico(III) óxido						
C 6.1 1561 2	As ₂ O ₃ M = 197,84 g/mol assay min. 99,5% insoluble in hydrochloric acid max. 0,01% non-volatile matter max. 0,02% antimony (Sb) max. 0,05% lead (Pb) max. 0,002% iron (Fe) max. 0,0005% copper (Cu) max. 0,0005% selenium (Se) max. 0,0005% silver (Ag) max. 0,001% chloride (Cl) max. 0,005% sulphide (S) max. 0,001%						
	 R: 23/25-39 S: 1/2-20/21-28-45 disposal: 10						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
11311	Arsenic(III) oxide pure powder	PF.	500 g	20,50	17,45	16,40	15,80
A 6.1/52A	Arsenic(III) oxyde / Arsénico(III) óxido	PF.	1 kg	37,50	31,90	30,—	28,90
C 6.1 1561 2	As ₂ O ₃ M = 197,84 g/mol	2813					
	assay 99,9%						
	residue on ignition 0,05%						
	alkalinely or acidly reacting impurities passes test						
	sulphide (S) passes test						
	 R: 23/25-39 S: 1/2-20/21-28-45 disposal: 10						
	Arsenic(III) oxide FIXANAL® see Sodium meta-arsenite FIXANAL®						
	Arsenic(V) oxide pentahydrate see Arsenic(V) oxide hydrate						
38021	0,500 g Arsenic(III) oxide + 1,5 g Sodium hydrogen	3819	1 pack	18,75	15,95	15,—	14,05
A 6.1/52A	carbonate FIXANAL® in solution for the determination of						
C 6.1 1556 3	manganese in iron						
	according to H. P. Smith, for iron-works laboratories						
	0,500 g Arsenic(III) oxyde + 1,5 g Sodium						
	hydrogénocarbonate / 0,500 g Arsénico(III) óxido + 1,5 g						
	Sodio hidrógeno-carbonato						
	 R: 25-36/38 S: 25-44 disposal: 10						
	Arsenic pentoxide hydrate see Arsenic(V) oxide hydrate						
	Arsenic trioxide see Arsenic(III) oxide						
18605	Asbestos acid washed	BL.	500 g	117,—	99,45	93,60	90,10
C 9 2590 2	Amiante / Amianto	2524					
	soluble in water 0,5%						
	soluble in hydrochloric acid (5%)						
	(as sulphates) 1%						
	loss on drying (105 °C) 0,1%						
	loss on ignition 2%						
18603	Asbestos long fibres	BL.	500 g	52,—	44,20	41,60	40,05
C 9 2590 2	Amiante / Amianto	2524					
18604	Asbestos powder	FT.	5 kg	27,75	23,05	21,65	20,80
C 9 2590 2	Amiante / Amianto	2524					
33034	L(+) -Ascorbic acid R. G., Reag. ISO, Reag. Ph. Eur. I	WG.	25 g	9,75	8,30	7,80	7,30
	Acide-L(+) -ascorbique / Acido-L(+) -ascórbico	PF.	100 g	19,—	16,15	15,20	14,25
	HOCH ₂ CH(OH)CH(OH)C(OH)=C(OH)COO	PF.	1 kg	131,—	111,35	104,80	100,85
	C ₆ H ₈ O ₆ M = 176,13 g/mol	2938					
	assay (oxydimetric) min. 99,7%						
	melting range 190—192 °C (disint.)						
	specific rotation ([α] _D ²⁰ ; c = 10 in H ₂ O) +20,5° to +21,5°						
	loss on drying (105 °C) max. 0,1%						
	sulphated ash max. 0,05%						
	pH (5%, 20 °C) 2,2—2,5						
	iron (Fe) max. 0,0002%						
	heavy metals (as Pb) max. 0,001%						
	chloride (Cl) max. 0,005%						
	sulphate (SO ₄) max. 0,002%						
	Ash mercury see Mercury oxide						
39007	D-Asparagine monohydrate BIOSYNTH®	WG.	10 g	31,75	27,—	25,40	23,80
	D-Asparagine monohydraté / D-Asparagina monohidrato	2925					
	NH ₂ COCH ₂ CH(NH ₂)COOH[·]H ₂ O						
	C ₄ H ₈ N ₂ O ₃ · H ₂ O M = 150,13 g/mol						
	assay (as N) 99%						

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15155	L-Asparagine monohydrate <i>L-Asparagine monohydraté / L-Asparagina monohidrato</i> HOOCCH(NH ₂)CH ₂ CONH ₂ · H ₂ O C ₄ H ₈ N ₂ O ₃ · H ₂ O M = 150,13 g/mol assay (water-free substance) 98% specific rotation [α] _D ²⁵ ; c = 5 in HCl 10% + 33° to + 35° sulphated ash 0,2% ammonium (NH ₄) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,02%	PF. PF. 2925	100 g 1 kg	29,25 222,—	24,85 188,70	23,40 177,60	21 170
39189	DL-Aspartic acid BIOSYNTH® <i>Acide DL-aspartique / Acido DL-aspártico</i> HOOCCH ₂ CH(NH ₂)COOH C ₄ H ₇ NO ₄ M = 133,10 g/mol assay (ex N) 98%	PF. 2923	100 g	27,75	23,60	22,20	20,
39288	L-Aspartic acid BIOSYNTH® <i>Acide L-aspartique / Acido L-aspártico</i> HOOCCH(NH ₂)CH ₂ COOH C ₄ H ₇ NO ₄ M = 133,10 g/mol	PF. 2923	50 g	13,25	11,25	10,60	9,
27608	L-Aspartic acid <i>Acide L-aspartique / Acido L-aspártico</i> HOOCCH(NH ₂)CH ₂ COOH C ₄ H ₇ NO ₄ M = 133,10 g/mol assay 99% melting point ca. 320 °C (disint.) specific rotation ([α] _D ²⁰ ; c = 5 in 1 N HCl) + 23° sulphated ash 0,1% water (according to Karl Fischer) 1% ammonium (NH ₄) 0,05% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. 2923	100 g	11,50	9,80	9,20	8,
39289	L-Aspartic acid-β-benzyl ester BIOSYNTH® <i>β-Benzyle-L-aspartate / β-Bencilo L-aspartato</i> HOOCCH(NH ₂)CH ₂ COOCH ₂ C ₆ H ₅ C ₁₁ H ₁₃ NO ₄ M = 223,23 g/mol	WG. 2923	5 g	162,—	137,70	129,60	121,5
28604	Astra-diamond green GX <i>Vert diamant astra GX / Verde astradiamante GX</i> Atom absorption see synopsis in the appendix FIXANAL® for atomic absorption ATP see Adenosine-5'-triphosphoric acid	BL. BL. 3205	1 kg 5 kg	119,— 506,—	101,15 420,—	95,20 394,70	91,6 379,5
35702	Atrazin min. 99% PESTANAL® (2-Ethylamino-4-chloro-6-isopropylamino-1,3,5-triazine) $\text{ClC}=\text{NC}[\text{NHCH}(\text{CH}_3)_2]=\text{NC}(\text{NHC}_2\text{H}_5)=\text{N}$ C ₈ H ₁₄ ClN ₅ M = 215,69 g/mol	FL. 2935	1 g	35,50	30,20	28,40	26,6
63722	DL-Atrolactic acid hemihydrate PROSYNTH® <i>Acide DL-atrolactinique hemihydraté / Acido DL-atrolactínico hemihidrato</i> C ₆ H ₅ C(CH ₃)(OH)COOH · 0,5H ₂ O C ₉ H ₁₀ O ₃ · 0,5H ₂ O M = 175,18 g/mol assay (alkalimetric) 98% melting range 87—89 °C	WG. 2913	5 g	38,75	32,95	31,—	29,0
36001	Aufrecht's reagent for quantitative albumen determination <i>Réactif d'Aufrecht / Reactivo de Aufrecht</i> 1 L ≈ 1,01 kg	FL. 3819	250 ml	13,25	11,25	10,60	9,95
28003	Auramine O (C. I. No. 41000, S. No. 752) <i>Auramine O / Auramina O</i> [(CH ₃) ₂ NC ₆ H ₄] ₂ C=NH · HCl · H ₂ O C ₁₇ H ₂₂ ClN ₃ · H ₂ O M = 321,85 g/mol	WG. 3205	100 g	10,25	8,70	8,20	7,70

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Auric chloride see Chloroauric acid							
33035	Aurin tricarboxylic acid ammonium salt R. G. <i>Acide aurinetricarboxylique sel ammoniacal / Acido aurintricarboxílico sal amoniaca</i> $(\text{NH}_4\text{OCOC}_6\text{H}_3\text{OH})_2\text{C} = \text{C}_6\text{H}_3(\text{O})\text{COONH}_4$ $\text{C}_{22}\text{H}_{23}\text{N}_3\text{O}_9 \quad M = 473,44 \text{ g/mol}$ insoluble in water passes test sulphated ash max. 0,2% suitability for determination of aluminium passes test	WG. 2916	25 g	19,50	16,60	15,60	14,65
Avicel® see Cellulose D, microcrystalline							
Azacycloheptane see Hexamethylenimine							
1-Azacyclopentanone-(2) see ϵ -Caprolactam							
39290	5-Azacytidine BIOSYNTH® <i>5-Azacytidine / 5-Azacitidina</i> package with 10 mg $\text{C}_8\text{H}_{12}\text{N}_4\text{O}_5 \quad M = 244,21 \text{ g/mol}$	2935	1 pack	16,50	14,05	13,20	12,40
39291	8-Azaguanine BIOSYNTH® <i>8-Azaguanine / 8-Azaguanina</i> $\text{C}_4\text{H}_4\text{N}_6\text{O} \quad M = 152,12 \text{ g/mol}$	FL. 2935	1 g	15,75	13,40	12,60	11,80
39292	6-Azaauracil BIOSYNTH® <i>6-Azaauracile / 6-Azaauracilo</i> $\text{N} = \text{C}(\text{OH})\text{N} = \text{C}(\text{OH})\text{CH} = \text{N}$ $\text{C}_3\text{H}_3\text{N}_3\text{O}_2 \quad M = 113,08 \text{ g/mol}$	WG. 2935	5 g	62,50	53,15	50,—	46,90
62104	Azelainic acid PROSYNTH® <i>Acide azélaïque / Acido azelaínico</i> $\text{HOOC}(\text{CH}_2)_7\text{COOH}$ $\text{C}_9\text{H}_{16}\text{O}_4 \quad M = 188,22 \text{ g/mol}$ assay (GC) 90% melting range 100-103 °C	WG. 2915	500 g	31,50	26,80	25,20	24,25
64500	Azelanitrile PROSYNTH® <i>Acide azelaínenitrile / Acido azelaínico nitrilo</i> $\text{NC}(\text{CH}_2)_7\text{CN}$ $\text{C}_9\text{H}_{14}\text{N}_2 \quad M = 150,22 \text{ g/mol} \quad 1 \text{ L} \approx 0,92 \text{ kg}$ assay (GC) 90% boiling range (at 13 mbar) 160—163 °C refractive index (n_D^{20}) 1,445	FL. 2927	10 ml	13,—	11,05	10,40	9,75
35820	Azinphos-ethyl min. 99% PESTANAL® (0,0-Diethyl-S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl]-phosphorodithioate) $\text{C}_{12}\text{H}_{18}\text{N}_3\text{O}_3\text{PS}_2 \quad M = 345,38 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	28,25	24,—	22,60	21,20
35821	Azinphos-methyl min. 99% PESTANAL® (0,0-Dimethyl-S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl]-phosphorodithioate) $\text{C}_{10}\text{H}_{12}\text{N}_3\text{O}_3\text{PS}_2 \quad M = 317,33 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	28,25	24,—	22,60	21,20

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	5
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
62106	Azobenzene PROSYNTH® <i>Azobenzène / Azobenceno</i> $C_6H_5N=NC_6H_5$ $C_{12}H_{10}N_2$ $M=182,22$ g/mol assay (UV) 98% melting range 66–68 °C log $E_{1\%}^{1\text{cm}}$ (CH ₃ OH) 4,30  R: 20/22 S: 28 disposal: 17	WG. 2928	250 g	68,50	58,25	54,80	51
62107	α, α'-Azo-iso-butyronitrile PROSYNTH® A - <i>α, α'-Azo-iso-butyronitrile / α, α'-Azo-iso-butironitrilo</i> B 4.1/14 $(CH_3)_2C(CN)N=NC(CH_3)_2CN$ C 4.1 1325 2 $C_8H_{12}N_4$ $M=164,21$ g/mol assay (GC) 98% melting range 102–104 °C (disint.) keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 28 disposal: 15	WG. 2928	250 g	23,50	20,—	18,80	17
62109	Azodicarboxamide PROSYNTH® A - <i>Azodicarboxamide / Azodicarboxamida</i> B 4.1/15E $NH_2CON=NCONH_2$ C 4.1 1325 2 $C_2H_4N_4O_2$ $M=116,08$ g/mol assay (ex N) 98% melting range 220–225 °C (disint.) Azodiformamide see Azodicarboxamide	PF. 2928	250 g	22,50	19,15	18,—	16,
33037	Azophloxine for microscopy (C. I. No. 18050, S. Nr. 40) <i>Azophloxine / Azofloxina</i> $C_{18}H_{13}N_3Na_2O_8S_2$ $M=509,43$ g/mol	WG. 2928	25 g	10,50	8,95	8,40	7,
60474	Azulene PROSYNTH® <i>Azulène / Azulen</i> $C_{10}H_8$ $M=128,17$ g/mol Gehalt (GC) 99% assay (GC) 99% melting range 98–100 °C Azulene see also Guaiazulene	FL. 2901	1 g	135,50	115,20	108,40	101,6
32706	Azur II for microscopy (C. I. Nr. 52010/52015, S. Nr. 1038/1039) <i>Azur II / Azur II</i>	WG. 3205	10 g	11,—	9,35	8,80	8,2
32708	Azur II-eosine for microscopy (C. I. Nr. 52010/52015/45380, S. Nr. 1038/1039/881) <i>Azur II-éosine / Azur II-eosina</i>	3205					
32807	Azur eosin methylene-blue according to Giemsa for microscopy <i>Azur éosine-bleu de méthylène / Azur-eosina-azul de metileno</i>	WG. WG. 3205	10 g 100 g	15,75 90,50	13,40 76,95	12,60 72,40	11,8 67,9
32884	Azur eosin methylene-blue solution according to Giemsa for microscopy A 3/5 C 3.2 1230 2 +15 °C <i>Azur éosine-bleu de méthylène en solution / Azur-eosina-azul de metileno en solución</i> 1 L \approx 0,99 kg   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. FL. FL. 3205	250 ml 1 L 2,5 L	12,— 31,25 69,—	10,20 26,55 57,25	9,60 25,— 53,80	9,— 24,0 51,7
BAA see N^α-Benzoyl-L-argininamide hydrochloride BAEE see N^α-Benzoyl-L-arginine ethyl ester hydrochloride Balsames on request							

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
20925	B-4-amino-quinoline urea [1,3-Bis-(4-amino-2-methylquinoline-6-yl)-urea dihydrochloride] C ₂₁ H ₂₂ Cl ₂ N ₆ O · 3,5H ₂ O <i>M</i> = 508,40 g/mol assay (for dry substance) 98% melting point > 300 °C (disint.) water (according to Karl Fischer) 11—14% sulphated ash 0,1% iron (Fe) 0,004% heavy metals (as Pb) 0,002% 4,6-diamino-2-methylquinoline 0,1% BANI see N ^α -Benzoyl-DL-arginine-4-nitroanilide hydrochloride BAO see Bis-(4-aminophenyl)-1,4,5-oxadiazole Barbital see 5,5-Diethylbarbituric acid Barbital sodium see Sodium diethylbarbiturate	PF. 2935	1 kg	2616,—			
11401	Barium about 99,5% A 4.3/1A <i>Baryum / Bario</i> C 4.3 1400 2 Ba <i>M</i> = 137,33 g/mol  R: 15 S: 8-24/25-43A disposal: 28	BL. 2805	100 g	62,50	53,15	50,—	46,90
38601	0,100 g Barium FIXANAL[®] water-soluble standard for atom A 6.1/71 absorption C 6.1 1564 3 0,100 g <i>Baryum</i> / 0,100 g <i>Bario</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38666	0,100 g organo-Barium FIXANAL[®] petroleum ether-soluble A 3/3 standard for atom absorption C 3.3 1992 2 0,100 g <i>organo-Baryum</i> / 0,100 g <i>organo-Bario</i> + 25 °C R: 10 ampoule	3819	1 pack	33,75	28,70	27,—	25,30
38553	1,00 g Barium FIXANAL[®] watersoluble standard for atom A 6.1/71 absorption C 6.1 1564 3 1,00 g <i>Baryum</i> / 1,00 g <i>Bario</i> ampoule  R: 22 S: 24/25	3819	1 pack	10,25	8,70	8,20	7,70
38825	10,00 g Barium FIXANAL[®] as Barium chloride A 6.1/71 10,00 g <i>Baryum</i> / 10,00 g <i>Bario</i> C 6.1 2810 3 ampoule  R: 22 S: 24/25	3819	1 pack	18,75	15,95	15,—	14,05
32305	Barium acetate R. G., Reag. ACS A 6.1/71 <i>Baryum acétate / Bario acetato</i> C 6.1 1564 3 (CH ₃ COO) ₂ Ba C ₄ H ₆ BaO ₄ <i>M</i> = 255,42 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 7,0—8,5 calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,01% magnesium (Mg) max. 0,001% sodium (Na) max. 0,01% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,2% chloride (Cl) max. 0,0005% nitrate (NO ₃) max. 0,002% matters reducing KMnO ₄ (as HCOOH) ... max. 0,025%  R: 20/22 S: 28 disposal: 24	PF. PF. FTP. 2914	250 g 1 kg 50 kg	9,50 29,25 kg	8,10 24,85 13,25	7,60 23,40	7,15 22,50

17812 Barium acetate PURANAL®
A 6.1/71 *Baryum acétate / Bario acetato*
C 6.1 1564 3 $(\text{CH}_3\text{COO})_2\text{Ba}$
 $\text{C}_4\text{H}_6\text{BaO}_4$ $M = 255,42$ g/mol
analytical data on request



R: 20/22 S: 28
disposal: 24

17882 Barium acetate anhydrous PURANAL®
A 6.1/71 *Baryum acétate / Bario acetato*
C 6.1 1564 2 $(\text{CH}_3\text{COO})_2\text{Ba}$
 $\text{C}_4\text{H}_6\text{BaO}_4$ $M = 255,42$ g/mol
analytical data on request



R: 20/22 S: 28
disposal: 24

25008 Barium acetate chem. pure
A 6.1/71 *Baryum acétate / Bario acetato*
C 6.1 1564 3 $(\text{CH}_3\text{COO})_2\text{Ba}$
 $\text{C}_4\text{H}_6\text{BaO}_4$ $M = 255,42$ g/mol

assay 99%
pH (5%, 20 °C) 7-9
iron (Fe) 0,001%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,002%
substances not precipitated by sulphuric acid
(as sulphates) 0,3%



R: 20/22 S: 28
disposal: 24

25010 Barium acetate technical
A 6.1/71 *Baryum acétate / Bario acetato*
C 6.1 1564 3 $(\text{CH}_3\text{COO})_2\text{Ba}$
 $\text{C}_4\text{H}_6\text{BaO}_4$ $M = 255,42$ g/mol

assay 98%
pH (5%, 20 °C) 7-9
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,02%



R: 20/22 S: 28
disposal: 24

11469 Barium azide (with 0,5 ml H₂O/g)
A 6.1/32B *Baryum azoture / Bario nitruro*
C 6.1 1571 2 BaN_6 $M = 221,37$ g/mol



R: 20/22 S: 28
disposal: 17

02103 Barium bromide-2-hydrate
A 6.1/71 *Baryum bromure-2-hydrate / Bario bromuro-2-hidrato*
C 6.1 1564 3 $\text{BaBr}_2 \cdot 2\text{H}_2\text{O}$ $M = 333,16$ g/mol

assay 100%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%



R: 20/22 S: 28
disposal: 24

PF.
FTP.
2914

5 kg price on request
50 kg price on request

PF.
2914

5 kg price on request

PF.
FTP.
FTP.
2914

1 kg 25,75 21,90 20,60 19,6
50 kg kg 7,90
5x kg 7,45

PF.
S.
2914

1 kg 21,75 18,50 17,40 16,7
50 kg price on request

WG.
2857

1 kg 674,— 572,90 539,20 519,—

PF.
PF.
S.
2830

500 g 12,— 10,20 9,60 9,25
1 kg 22,— 18,70 17,60 16,95
50 kg price on request

31124	Barium carbonate R. G., Reag. ACS <i>Baryum carbonate / Bario carbonato</i> BaCO ₃ M = 197,34 g/mol assay min. 99% assay of Ba(OH) ₂ max. 0,015% insoluble in hydrochloric acid max. 0,015% calcium (Ca) max. 0,02% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% strontium (Sr) max. 0,3% substances not precipitated by sulphuric acid (as sulphates) max. 0,2% chloride (Cl) max. 0,002% nitrate (NO ₃) max. 0,005% sulphide (S) max. 0,001%	PF. PF. PF. FTP. 2842	250 g 500 g 1 kg 50 kg	17,25 28,— 49,75 kg 27,—	14,65 23,80 42,30 27,—	13,80 22,40 39,80	12,95 21,55 38,30
17801	Barium carbonate PURANAL® <i>Baryum carbonate / Bario carbonato</i> BaCO ₃ M = 197,34 g/mol analytical data on request	PF. FTP. 2842	2,5 kg 50 kg	price on request price on request			
11405	Barium carbonate chem. pure <i>Baryum carbonate / Bario carbonato</i> BaCO ₃ M = 197,34 g/mol assay 99% assay of Ba(OH) ₂ 0,02% calcium (Ca) 0,01% iron (Fe) 0,001% heavy metals (as Pb) 0,002% strontium (Sr) 0,8% chloride (Cl) 0,005% nitrate (NO ₃) 0,005%	PF. PF. PF. FT. 2842	500 g 1 kg 5 kg 40 kg	14,— 24,75 92,50 price on request	11,90 21,05 76,80	11,20 19,80 72,15	10,80 19,05 69,40
11410	Barium chlorate-1-hydrate pure powder <i>Baryum chlorate-1-hydrate / Bario clorato-1-hidrato</i> Ba(ClO ₃) ₂ · H ₂ O M = 322,25 g/mol assay 99% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,005%	PF. BLT. 2832	1 kg 50 kg	21,50 price on request	18,30 17,20	16,55	
31125	Barium chloride-2-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Baryum chlorure-2-hydrate / Bario cloruro-2-hidrato</i> BaCl ₂ · 2H ₂ O M = 244,27 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 5,2—8,0 calcium (Ca) max. 0,005% iron (Fe) max. 0,0001% potassium (K) max. 0,005% magnesium (Mg) max. 0,001% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,01% nitrate (NO ₃) max. 0,005% total nitrogen (N) max. 0,002%	PF. PF. PF. FTP. 2830	500 g 1 kg 5 kg 50 kg	12,75 21,— 84,50 kg 8,75	10,85 17,85 70,15 8,75	10,20 16,80 65,90	9,80 16,15 63,40

11411 Barium chloride-2-hydrate chem. pure cryst.
A 6.1/71 *Baryum chlorure-2-hydrate / Bario cloruro-2-hidrato*
C 6.1 1564 3 $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$ $M = 244,27 \text{ g/mol}$

assay 99%
pH (5%, 20 °C) 5-7
calcium (Ca) 0,02%
iron (Fe) 0,001%
potassium (K) 0,01%
magnesium (Mg) 0,002%
sodium (Na) 0,02%
heavy metals (as Pb) 0,001%



R: 20/22 S: 28
disposal: 24

11413 Barium chloride-2-hydrate technical cryst.
A 6.1/71 *Baryum chlorure-2-hydrate / Bario cloruro-2-hidrato*
C 6.1 1564 3 $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$ $M = 244,27 \text{ g/mol}$

assay 99%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
substances not precipitated by sulphuric acid
(as sulphates) 0,2%



R: 20/22 S: 28
disposal: 24

38030 0,1 mol Barium chloride FIXANAL® 12,214 g $\text{BaCl}_2 \cdot \text{H}_2\text{O}$ for
A 6.1/71 1 L 0,1 N solution
C 6.1 1564 3 *0,1 mol Baryum chlorure / 0,1 mol Bario cloruro*

ampoule



R: 22 S: 24/25

31204 Barium chromate R. G.
A 6.1/71 *Baryum chromate / Bario cromato*
C 6.1 1564 3 BaCrO_4 $M = 253,32 \text{ g/mol}$

assay min. 99%
soluble chromates (as CrO_3) max. 0,005%
insoluble in hydrochloric acid max. 0,1%
iron (Fe) max. 0,002%
chloride (Cl) max. 0,01%



R: 20/22 S: 28
disposal: 24

11802 Barium cyanide 45-50% $\text{Ba}(\text{CN})_2$, technical powder
A 6.1/31A *Baryum cyanure / Bario cianuro*
C 6.1 1565 1



R: 26/27/28-32 S: 1/2-7-28-29-45
disposal: 22

Barium dioxide see Barium peroxide

Barium diphenylaminesulphonate
see Diphenylaminesulphonic acid barium salt

01115 Barium fluoride COTAL® powder
A 6.1/71 *Baryum fluorure / Bario fluoruro*
C 6.1 1564 3 BaF_2 $M = 175,33 \text{ g/mol}$



R: 20/22 S: 28
disposal: 27

01218 Barium fluoride for glass industry
A 6.1/71 *Baryum fluorure / Bario fluoruro*
C 6.1 1564 3 BaF_2 $M = 175,33 \text{ g/mol}$



R: 20/22 S: 28
disposal: 27

	1 kg	5 kg	50 kg	5x
PF.	14,50	52,50		
PF.	12,35	43,60		
S.			5,90	
S.			5,70	

2830

	5 kg	50 kg
PF.	35,50	
S.	29,45	price on request

2830

	1 pack
PF.	8,75
S.	7,45

3819

	100 g	1 kg
PF.	12,—	87,50
PF.	10,20	74,40
S.	9,60	70,—
S.	9,—	67,40

2847

	1 kg	50 kg
PF.	25,25	
BLT.	21,45	price on request







2843

	100 g	25 kg
PF.	40,25	
FTP.	34,20	price on request

2829

	1 kg	50 kg
PF.	price on request	
FTP.	price on request	

2829

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x	
				package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
01118	Barium fluoride technical		PF.	1 kg	22,50	19,15	18,—	17,35
A 6.1/71	<i>Baryum fluorure / Bario fluoruro</i>		S.	50 kg	price on request			
C 6.1 1564 3	BaF ₂ M = 175,33 g/mol		2829					
	assay 96%							
	loss on ignition 4%							
	 R: 20/22 S: 28							
	disposal: 27							
01404	Barium fluorosilicate		PF.	1 kg	44,25	37,60	35,40	34,05
A 6.1/71	<i>Baryum fluorosilicate / Bario fluorosilicato</i>		S.	50 kg	price on request			
C 6.1 1564 3	BaSiF ₆ M = 279,41 g/mol		2829					
	assay of fluorine 39—41%							
	iron (Fe) 0,05%							
	chloride (Cl) 0,05%							
	 R: 22 S: 2-13-24/25							
	disposal: 27							
11431	Barium hydride		BL.	100 g	103,50	88,—	82,80	77,65
A 4.3/2B	<i>Baryum hydrure / Bario hidruro</i>		2857					
C 4.3 1409 1	BaH ₂ M = 139,35 g/mol							
	 R: 15 S: 7/8-24/25-43A							
	disposal: 28							
31127	Barium hydroxide-8-hydrate R. G., Reag. ACS, Reag. ISO,		PF.	500 g	11,—	9,35	8,80	8,45
A 6.1/71	Reag. Ph. Eur. I		PF.	1 kg	20,—	17,—	16,—	15,40
C 6.1 1564 3	<i>Baryum hydroxyde-8-hydrate / Bario hidróxido-8-hidrato</i>		FT.	50 kg	kg	8,75		
	Ba(OH) ₂ · 8H ₂ O M = 315,47 g/mol		2818					
	assay min. 98%							
	assay of BaCO ₃ max. 2%							
	insoluble in hydrochloric acid max. 0,005%							
	calcium (Ca) max. 0,005%							
	iron (Fe) max. 0,0005%							
	potassium (K) max. 0,005%							
	magnesium (Mg) max. 0,002%							
	sodium (Na) max. 0,005%							
	heavy metals (as Pb) max. 0,0005%							
	strontium (Sr) max. 0,7%							
	chloride (Cl) max. 0,001%							
	sulphide (S) max. 0,0005%							
	 R: 20/22 S: 28							
	disposal: 24							
11415	Barium hydroxide-8-hydrate chem. pure cryst.		PF.	1 kg	15,75	13,40	12,60	12,15
A 6.1/71	<i>Baryum hydroxyde-8-hydrate / Bario hidróxido-8-hidrato</i>		S.	50 kg	kg	7,25		
C 6.1 1564 3	Ba(OH) ₂ · 8H ₂ O M = 315,47 g/mol		S.	10x	kg	6,90		
	assay 97%		2818					
	assay of BaCO ₃ 2%							
	insoluble in hydrochloric acid 0,01%							
	calcium (Ca) 0,005%							
	iron (Fe) 0,001%							
	heavy metals (as Pb) 0,001%							
	substances not precipitated by sulphuric acid							
	(as sulphates) 0,2%							
	chloride (Cl) 0,005%							
	sulphide (S) 0,001%							
	 R: 20/22 S: 28							
	disposal: 3							
11418	Barium hydroxide-8-hydrate technical cryst.		PF.	5 kg	31,75	26,35	24,75	23,80
A 6.1/71	<i>Baryum hydroxyde-8-hydrate / Bario hidróxido-8-hidrato</i>		S.	50 kg	kg	3,50		
C 6.1 1564 3	Ba(OH) ₂ · 8H ₂ O M = 315,47 g/mol		S.	5x	kg	3,40		
	assay 94%		2818					
	assay of BaCO ₃ 2%							
	iron (Fe) 0,003%							
	heavy metals (as Pb) 0,003%							
	chloride (Cl) 0,2%							
	 R: 20/22 S: 28							
	disposal: 3							

35050 Barium hydroxide solution 0,05 mol/l 0,1 N volumetric solution
A 6.1/71
C 6.1 1564 3 *Baryum hydroxyde en solution 0,05 mol/l / Bario hidróxido en solución 0,05 mol/l*

1 L ≈ 1,01 kg



R: 22 S: 24/25
disposal: 3

FL.
3819

1 L 16,— 13,60 12,80 1

04404 Barium hypophosphite chem. pure
A 6.1/71 *Baryum hypophosphite / Bario hipofosfito*

C 6.1 1564 3 $\text{Ba}(\text{PH}_2\text{O}_2)_2$ $M = 267,32$ g/mol

assay 98%
pH (5%, 20 °C) 3—5
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,05%
phosphite (as H_3PO_3) 1%



R: 20/22 S: 28
disposal: 24

PF.
FTP.
2840

1 kg 44,25 37,60 35,40 3
50 kg price on request

31128 Barium nitrate R. G., Reag. ACS
A 5.1/7C *Baryum nitrate / Bario nitrato*

B 6.1/71 $\text{Ba}(\text{NO}_3)_2$ $M = 261,34$ g/mol

C 5.1 1446 2
assay min. 99%
insoluble in water max. 0,005%
pH (5%, 20 °C) 5—7
ammonium (NH_4) max. 0,001%
calcium (Ca) max. 0,002%
iron (Fe) max. 0,0002%
potassium (K) max. 0,01%
magnesium (Mg) max. 0,002%
sodium (Na) max. 0,01%
heavy metals (as Pb) max. 0,0005%
strontium (Sr) max. 0,05%
chloride (Cl) max. 0,0005%



R: 20/22 S: 28
disposal: 24

PF.
PF.
FTP.
2839

500 g 15,75 13,40 12,60 12
1 kg 28,50 24,25 22,80 21
50 kg kg 12,25

17802 Barium nitrate PURANAL®
A 5.1/7C *Baryum nitrate / Bario nitrato*

B 6.1/71 $\text{Ba}(\text{NO}_3)_2$ $M = 261,34$ g/mol
C 5.1 1446 2 analytical data on request



R: 20/22 S: 28
disposal: 24

PF.
FTP.
2839

5 kg price on request
50 kg price on request

11420 Barium nitrate chem. pure
A 5.1/7C *Baryum nitrate / Bario nitrato*

B 6.1/71 $\text{Ba}(\text{NO}_3)_2$ $M = 261,34$ g/mol









C 5.1 1446 2
assay 99%
pH (5%, 20 °C) 5—7
iron (Fe) 0,0005%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,0005%
substances not precipitated by sulphuric acid
(as sulphates) 0,1%








R: 20/22 S: 28
disposal: 16

PF.
PF.
S.
2839

1 kg 14,75 12,55 11,80 11,3
5 kg 56,— 46,50 43,70 42,—
50 kg price on request

1422 5.1/7C 6.1/71 5.1 1446 2	Barium nitrate pure powder for green fireworks <i>Baryum nitrate / Bario nitrato</i> $Ba(NO_3)_2$ $M = 261,34$ g/mol assay 99% loss on drying (130 °C, 2 h) 0,2% pH (5%, 20 °C) 5–7 calcium (Ca) 0,005% iron (Fe) 0,005% magnesium (Mg) 0,005% sodium (Na) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,001% <div>  <div> R: 20/22 S: 28 disposal: 16 </div> </div>	PF. S. 2839	2,5 kg 50 kg	28,50 price on request	23,65	22,25	21,40
1424 5.1/8 5.1 1479 2	Barium nitrite <i>Baryum nitrite / Bario nitrito</i> $Ba(NO_2)_2 \cdot H_2O$ $M = 247,36$ g/mol <div>  <div> R: 22 S: 2-13 disposal: 24 </div> </div>	WG. 2839	50 g	28,25	24,—	22,60	21,20
1425 6.1/71 6.1 1884 3	Barium oxide 97 %, pure lumps <i>Baryum oxyde / Bario óxido</i> BaO $M = 153,33$ g/mol <div>  <div> R: 20/22 S: 28 disposal: 24 </div> </div>	BL. BL. BLT. 2818	1 kg 2,5 kg 100 kg	51,50 112,50 price on request	43,80	41,20	39,65 84,40
1463 6.1/71 6.1 1884 3	Barium oxide powder <i>Baryum oxyde / Bario óxido</i> BaO $M = 153,33$ g/mol <div>  <div> R: 20/22 S: 28 disposal: 24 </div> </div>	PF. BLT. 2818	1 kg 100 kg	price on request price on request			
	Barium oxide hydrated see Barium hydroxide						
1126 5.1/4B 5.1 1447 2	Barium perchlorate anhydrous R. G. <i>Baryum perchlorate / Bario perclorato</i> $Ba(ClO_4)_2$ $M = 336,24$ g/mol assay min. 98% insoluble in water max. 0,1% insoluble in methanol max. 0,1% water (according to Karl Fischer) max. 2% calcium (Ca) max. 0,05% iron (Fe) max. 0,0005% potassium (K) max. 0,01% magnesium (Mg) max. 0,005% sodium (Na) max. 0,02% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,01% chloride (Cl) max. 0,01% <div>   <div> R: 9-20/22 S: 27 disposal: 16 </div> </div>	BL. 2832	500 g	58,—	49,30	46,40	44,65
1428 5.1/9B 5.1 1449 2	Barium peroxide powder, min. 95% BaO_2 <i>Baryum peroxyde / Bario peróxido</i> BaO_2 $M = 169,33$ g/mol assay 95% insoluble in hydrochloric acid 1% loss on drying (105 °C) 0,5% iron (Fe) 0,005% heavy metals (as Pb) 0,01% substances not precipitated by sulphuric acid (as sulphates) 1% chloride (Cl) 0,02% <div>   <div> R: 8-20/22 S: 13-27 disposal: 16 </div> </div>	BL. BL. BL. BLT. 2818	500 g 1 kg 5 kg 50 kg	40,50 74,— 313,— price on request	34,45	32,40	31,20 57,— 234,75
	Barium silicofluoride see Barium fluorosilicate						









11432	Barium sulphate chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç IX, for X-ray examinations <i>Baryum sulfate / Bario sulfato</i> BaSO ₄ M = 233,39 g/mol loss on ignition (600 °C) 1 % soluble Ba-salts passes test acidly or alkalinely reacting impurities passes test arsenic (As) 0,0002 % heavy metals (as Pb) 0,0005 % phosphate (PO ₄) 0,003 % oxidizable sulphur passes test	PF. PF. S. 2838	1 kg 5 kg 25 kg	12,— 35,50 price on request	10,20 29,45 price on request	9,60 27,70 price on request	9,— 26,— price on request
11435	Barium sulphide 85 %, pure <i>Baryum sulfure / Bario sulfuro</i> BaS M = 169,40 g/mol  R: 20/22-31 S: 28 disposal: 9	PF. PF. BLT. 2835	1 kg 5 kg 50 kg	46,50 195,— price on request	39,55 161,85 price on request	37,20 152,10 price on request	35,— 146,— price on request
11437	Barium sulphide technical powder <i>Baryum sulfure / Bario sulfuro</i> BaS M = 169,40 g/mol  R: 20/22-31 S: 28 disposal: 9	PF. PF. FTP. 2835	1 kg 5 kg 50 kg	12,75 47,25 price on request	10,85 39,20 price on request	10,20 36,85 price on request	9,80 35,40 price on request
	Barium superoxide see Barium peroxide						
10421	Barium titanate(IV) <i>Baryum titanate(IV) / Bario titanato(IV)</i> BaTiO ₃ M = 233,23 g/mol assay 98 %  R: 20/22 S: 28 disposal: 24	PF. 2847	1 kg	70,—	59,50	56,—	53,90
	Baryt see Barium sulphate						
	Basic blue 9 see Methylene blue						
36114	Bates' reagent <i>Réactif de Bates / Reactivo de Bates</i> C ₁₂ H ₃₆ B ₂ F ₈ N ₆ OP ₂ M = 516,02 g/mol	FL. 2934	1 g	39,25	33,35	31,40	29,40
33087	Bathocuproin R. G. <i>Bathocuproïne / Batocuproina</i> C ₂₆ H ₂₀ N ₂ M = 360,46 g/mol	FL. 2935	1 g	69,—	58,65	55,20	51,75
33088	Bathocuproin disulphonic acid disodium salt R. G. <i>Acide bathocuproïnedisulfonique sel disodique / Acido batocuproindisulfónico sal disódica</i> C ₂₆ H ₁₈ N ₂ Na ₂ O ₆ S ₂ M = 564,55 g/mol loss on drying (105 °C) max. 2 %	WG. 2935	1 g	82,50	70,15	66,—	61,90
33089	Bathophenanthroline R. G. <i>Bathophénanthroline / Batofenantrolina</i> C ₂₄ H ₁₆ N ₂ M = 332,40 g/mol	FL. 2935	1 g	76,—	64,60	60,80	57,—
33090	Bathophenanthroline disulphonic acid disodium salt R. G. <i>Acide bathophénanthrolinedisulfonique sel disodique / Acido batofenantrolindisulfónico sal disódica</i> C ₂₄ H ₁₄ N ₂ Na ₂ O ₆ S ₂ · H ₂ O M = 554,51 g/mol	FL. 2935	1 g	98,50	83,75	78,80	73,90
63246	Batyl alcohol PROSYNTH® <i>Alcool batylique / Alcohol batílico</i> CH ₃ (CH ₂) ₁₇ OCH ₂ CH(OH)CH ₂ OH C ₂₁ H ₄₄ O ₃ M = 344,58 g/mol assay 95 % melting range 68—70 °C	WG. 2908	5 g	104,—	88,40	83,20	78,—

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
56007	BBOT for scintillation [2,5-Bis-(<i>tert</i> -benzoxazolyl)-thiophene] <chem>C26H26N2O2S</chem> $M = 430,57$ g/mol melting range 199–201 °C	WG. 2935	100 g	251,—	213,35	200,80	188,25
63247	Behenic acid PROSYNTH® <i>Acide behénique / Acido behénico</i> <chem>CH3(CH2)20COOH</chem> <chem>C22H44O2</chem> $M = 340,59$ g/mol assay (GC) 85% melting range 75–77 °C	WG. 2914	500 g	39,25	33,35	31,40	30,20
Behenyl alcohol see Docosan-ol-(1)							
36005	Benedict's reagent for the quantitative determination of sugar <i>Réactif de Benedict / Reactivo de Benedict</i> 1 L \approx 1,23 kg	PF. 3819	250 ml	13,25	11,25	10,60	9,95
36007	Benedict's reagent for the qualitative determination of sugar <i>Réactif de Benedict / Reactivo de Benedict</i> 1 L \approx 1,19 kg	PF. 3819	250 ml	13,25	11,25	10,60	9,95
39611	Bentone® 34 for gas chromatography working temperature to 200 °C	WG. 3819	50 g	24,75	21,05	19,80	18,55
63248	Benzalazine PROSYNTH® <i>Benzalazine / Benzalazina</i> <chem>C6H5CH=NN=CHC6H5</chem> <chem>C14H12N2</chem> $M = 208,26$ g/mol assay (HPLC) 98% melting range 91–93 °C	PF. 2929	100 g	43,75	37,20	35,—	32,80
63952	Benzal bromide PROSYNTH® <i>Benzal bromure / Benzal bromuro</i> A 6.1/61K C 6.1 2810 2 <chem>C6H5CHBr2</chem> <chem>C7H6Br2</chem> $M = 249,93$ g/mol assay (GC) 98% boiling range (at 31 mbar) 154–156 °C refractive index (n_D^{20}) 1,615	FL. 2902	25 ml	98,—	83,30	78,40	73,50
64592	Benzal chloride PROSYNTH® <i>Benzal chlorure / Benzal cloruro</i> A 8/22 C 8 1760 2 <chem>C6H5CHCl2</chem> <chem>C7H6Cl2</chem> $M = 161,03$ g/mol assay (GC) 98% boiling range 202–204 °C refractive index (n_D^{20}) 1,550	FL. 2902	100 ml	42,75	36,35	34,20	32,05
<div>  <div>R: 36/37/38 S: 39 disposal: 21</div> </div>							
15173	Benzaldehyde chem. pure DAB 6 <i>Benzaldéhyde / Benzaldehido</i> A 3/4 C 3.3 1990 3 <chem>C6H5CHO</chem> <chem>C7H6O</chem> $M = 106,12$ g/mol assay 98,5% boiling range 178–182 °C density (D_4^{20}) 1,046–1,050 chlorine compounds (as Cl) 0,01%	FL. FL. EKL. F. 2911	1 L 2,5 L 30 kg 200 kg	22,25 47,25 price on request price on request	18,90 39,20	17,80 36,85	17,15 35,45
<div>  <div>R: 22 S: 24 disposal: 14</div> </div>							
Benzaldehyde cyanohydrin see α -Hydroxyphenylacetonitrile							

64819	Benzaldehyde-2,4-disulphonic acid disodium salt dihydrate PROSYNTH® <i>Acide benzaldéhyde-2-4-disulfonique sel disodique dihydrate / Acido benzaldehido-2,4-disulfónico sal disódica dihidrato</i> (NaO ₃ S) ₂ C ₆ H ₃ CHO · H ₂ O C ₇ H ₄ Na ₂ O ₇ S ₂ · H ₂ O M = 346,25 g/mol assay 95%	WG. 2912	250 g	25,50	21,70	20,40	19
64288	Benzaldehyde oxime PROSYNTH® <i>Benzaldéhyde-oxime / Benzaldoxima</i> C ₆ H ₅ CH = NOH C ₇ H ₇ NO M = 121,14 g/mol 1 L ≈ 1,11 kg assay (ex N) 97% melting range 33–35 °C	FL. 2929	100 ml	82,—	69,70	65,60	61
64289	Benzamide PROSYNTH® <i>Benzamide / Benzamida</i> C ₆ H ₅ CONH ₂ C ₇ H ₇ NO M = 121,14 g/mol Benzaminoacetic acid see Hippuric acid	WG. 2925	250 g	20,75	17,65	16,60	15
62110	Benzanilide PROSYNTH® <i>Benzanilide / Benzanilida</i> C ₆ H ₅ CONHC ₆ H ₅ C ₁₃ H ₁₁ NO M = 197,24 g/mol assay (ex N) 96% melting range 161–163 °C	PF. 2925	100 g	24,25	20,60	19,40	18
32212 ★	Benzene R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Benzène / Benceno</i> C ₆ H ₆ M = 78,11 g/mol 1 L ≈ 0,88 kg assay (GC) min. 99,7% congealing point min. 5,2 °C boiling range 79–81 °C density (D ₄ ²⁰) 0,878–0,880 refractive index (n _D ²⁰) 1,5000–1,5020 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,03% free acid (as HCl) max. 0,0004% free alkali (as NH ₃) max. 0,0002% aluminium (Al) max. 0,00005% barium (Ba) max. 0,00001% lead (Pb) max. 0,000001% boron (B) max. 0,000002% cadmium (Cd) max. 0,000005% calcium (Ca) max. 0,00005% chromium (Cr) max. 0,000002% iron (Fe) max. 0,00001% cobalt (Co) max. 0,000002% copper (Cu) max. 0,000001% magnesium (Mg) max. 0,00001% manganese (Mn) max. 0,000002% nickel (Ni) max. 0,000002% zinc (Zn) max. 0,000001% tin (Sn) max. 0,00001% thiophene max. 0,0001% other sulphur compounds (as S) max. 0,0005%	FL. FL. EKL. EKL. EKL. 2901	1 L 2,5 L 30 L 5x 10x	22,— 46,25 L L L	18,70 38,40 8,40 8,— 7,75	17,15 36,10	16,3 34,7



R: 11-23/24-39 S: 9-16-29
disposal: 13

34950	Benzene R. G., dried (max. 0,01% H₂O)	FL.	1 L	25,—	21,25	20,—	19,25
A 3/1A	<i>Benzène / Benceno</i>	2901					
C 3.2 1114 2	C ₆ H ₆ M=78,11 g/mol 1 L ≈ 0,88 kg						
-11°C	assay (GC) min. 99,7% congealing point min. 5,2 °C boiling range 79—81° C density (D ₄ ²⁰) 0,878—0,880 refractive index (n _D ²⁰) 1,5000—1,5020 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,01% free acid (as HCl) max. 0,0004% free alkali (as NH ₃) max. 0,0002% aluminium (Al) max. 0,00005% barium (Ba) max. 0,00001% lead (Pb) max. 0,000001% boron (B) max. 0,000002% cadmium (Cd) max. 0,000005% calcium (Ca) max. 0,00005% chromium (Cr) max. 0,000002% iron (Fe) max. 0,00001% cobalt (Co) max. 0,000002% copper (Cu) max. 0,000001% magnesium (Mg) max. 0,00001% manganese (Mn) max. 0,000002% nickel (Ni) max. 0,000002% zinc (Zn) max. 0,000001% tin (Sn) max. 0,00001% thiophene max. 0,0001% other sulphur compounds (as S) max. 0,0005%						
	  R: 11-23/24-39 S: 9-16-29 disposal: 13						
30833	Benzene min. 99,9% for gas chromatography	FL.	5 ml	52,—	44,20	41,60	39,—
A 3/1A	<i>Benzène / Benceno</i>	2901					
C 3.2 1114 2	C ₆ H ₆ M=78,11 g/mol 1 L ≈ 0,88 kg						
-11°C	  R: 11-23/24-39 S: 9-16-29 disposal: 13						
34914	★ Benzene SPECTRANAL®	FL.	500 ml	23,25	19,75	18,60	17,90
A 3/1A	<i>Benzène / Benceno</i>	FL.	1 L	35,75	30,40	28,60	27,55
C 3.2 1114 2	C ₆ H ₆ M=78,11 g/mol 1 L ≈ 0,88 kg	FL.	2,5 L	71,—	58,95	55,40	53,25
-11°C	assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (acc. to Karl Fischer) max. 0,03% free acid (as HCl) max. 0,001% thiophene max. 0,0005% suitability for UV spectroscopy transmittance (1 cm cell/reference: water) transmittance/wavelength (nm): min. 25%/280, min. 60%/285, min. 80%/290, min. 90%/300, min. 95%/320, min. 98%/from 330 suitability for IR spectroscopy passes test	2901					
	  R: 11-23/24-39 S: 9-16-29 disposal: 13						
34853	★ Benzene CHROMASOLV® for chromatography (UV-detection)	FL.	1 L	27,25	23,15	21,80	21,—
A 3/1A	<i>Benzène / Benceno</i>	2901					
C 3.2 1114 2	C ₆ H ₆ M=78,11 g/mol 1 L ≈ 0,88 kg						
-11°C	assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,03% free acid (as HCl) max. 0,001% thiophene max. 0,0005% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/280, min. 50%/285, min. 80%/290, min. 98%/from 330						
	  R: 11-23/24-39 S: 9-16-29 disposal: 13						

34482 Benzene PESTANAL®
A 3/1A *Benzène / Benceno*
C 3.2 1114 2 C6H6 $M = 78,11 \text{ g/mol}$ 1 L $\approx 0,88 \text{ kg}$
-11°C
assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,02%
suitability for residue analysis:
Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary \varnothing 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volum zones between Pentachlorobenzene, α -HCH, Aldrin and DDT a peak of $< 5 \cdot 10^{-10} \% \hat{=} 5 \text{ ng/l}$.



R: 11-23/24-39 S: 9-16-29
disposal: 13

24515 ★ Benzene chem. pure
A 3/1A *Benzène / Benceno*

C 3.2 1114 2 C6H6 $M = 78,11 \text{ g/mol}$ 1 L $\approx 0,88 \text{ kg}$
-11°C
assay (GC) 99,5%
boiling range 79–81 °C
density (D_4^{20}) 0,878–0,880
refractive index (n_D^{20}) 1,5000–1,5020
non-volatile matter 0,001%
water (according to Karl Fischer) 0,03%
thiophene 0,0005%



R: 11-23/24-39 S: 9-16-29
disposal: 13

24519 ★ Benzene pure Erg. B. 6
A 3/1A *Benzène / Benceno*

C 3.2 1114 2 C6H6 $M = 78,11 \text{ g/mol}$ 1 L $\approx 0,88 \text{ kg}$
-11°C
assay (GC) 99%
boiling range 79–82 °C
density (D_4^{20}) 0,874–0,884
refractive index (n_D^{20}) 1,5000–1,5020
non-volatile matter 0,001%



R: 11-23/24-39 S: 9-16-29
disposal: 13

09038 Benzene- d_6 deuteration degree not less than 99,5 atom % D
A 3/1A *Benzène- d_6 / Benceno- d_6*
C 3.2 1114 2 C6D6 $M = 84,07 \text{ g/mol}$ 1 L $\approx 0,95 \text{ kg}$
-11°C



R: 11-23/24-39 S: 9-16-29
disposal: 13

62117 Benzeneboronic acid PROSYNTH®
Acide benzèneboronique / Acido bencenoborónico

C6H5B(OH)2
C6H7BO2 $M = 121,93 \text{ g/mol}$
assay (alkalimetric) 98%

Benzene bromide, mono see Bromobenzene

Benzene chloride, mono see Chlorobenzene, mono

Benzene chloride, di see Dichlorobenzene

1,4-Benzenedicarboxylic acid see Terephthalic acid

1,2-Benzenediol see Pyrocatechol

1,3-Benzenediol see Resorcinol

1,4-Benzenediol see Hydroquinone

FL.	1 L	25,25	21,45	20,20	19,4
FL.	2,5 L	52,50	43,60	40,95	39,4

2901

FL.	1 L	20,75	17,65	16,60	16,-
FL.	2,5 L	44,-	36,50	34,30	33,-
EKL.	30 L	L	5,50		
EKL.	5x	L	5,30		
EKL.	10x	L	5,-		
EKL.	20x	L	4,70		

2901

FL.	1 L	20,-	17,-	16,-	15,40
FL.	2,5 L	40,-	33,20	31,20	30,-
EKL.	30 L	L	4,20		
EKL.	5x	L	4,-		
EKL.	10x	L	3,75		



2901


A.	10 ml	54,-	45,90	43,20	40,50
FL.	100 ml	443,-	376,55	354,40	332,25

2851

WG.	10 g	63,50	54,-	50,80	47,65
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2934

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
64294	1,3-Benzenedisulphonic acid disodium salt PROSYNTH® <i>Acide benzènedisulfonique-1-3 sel disodique / Acido 1,3-bencenodisulfónico sal disódica</i> $C_6H_4(SO_3Na)_2$ $C_6H_4Na_2O_6S_2$ $M = 282,20$ g/mol assay 90%	WG. 2903	1 kg	46,—	39,10	36,80	35,40
62119	Benzenesulphonamide PROSYNTH® <i>Benzènesulfonamide / Bencenosulfonamida</i> $C_6H_5SO_2NH_2$ $C_6H_7NO_2S$ $M = 157,19$ g/mol assay (ex S) 97% melting range 149—152 °C Benzenesulphonic acid see Benzenesulphonamide p-Benzenesulphonic acid-azo-resorcinol sodium salt see Tropaeolin O	PF. 2936	500 g	32,25	27,40	25,80	24,85
60047	Benzenesulphonic acid monohydrate PROSYNTH® <i>Acide benzènesulfonique monohydraté / Acido bencenosulfónico monohidrato</i> $C_6H_5SO_3H \cdot H_2O$ $C_6H_6O_3S \cdot H_2O$ $M = 176,19$ g/mol assay (alkalimetric) 99% melting range 43—45 °C	WG. WG. 2903	100 g 1 kg	21,75 164,—	18,50 139,40	17,40 131,20	16,30 126,30
60048	Benzenesulphonyl chloride PROSYNTH® <i>Benzènesulfonyle chlorure / Benceno sulfonilo cloruro</i> $C_6H_5ClO_2S$ $M = 176,62$ g/mol $1\text{ L} \approx 1,38$ kg assay (GC) 98% boiling range 249—251 °C refractive index (n_D^{20}) 1,552  R: 34 S: 26 disposal: 21	FL. 2903	500 ml	35,—	29,75	28,—	26,95
64570	Benzenesulphonyl iso-cyanate PROSYNTH® <i>Benzènesulfonyle iso-cyanate / Bencenosulfonilo iso-cianato</i> $C_6H_5SO_2NCO$ $C_7H_5NO_3S$ $M = 183,19$ g/mol $1\text{ L} \approx 1,35$ kg assay 97% boiling range (at 15 mbar) 130—132 °C refractive index (n_D^{20}) 1,540 1,2,4,5-Benzenetetracarboxylic acid see Pyromellitic acid 1,2,4,5-Benzenetetracarboxylic acid dianhydride see Pyromellitic dianhydride Benzenethiol see Thiophenol  R: 23/24/25 S: 44 disposal: 6	FL. 2930	5 ml	41,50	35,30	33,20	31,15
62120	1,2,3-Benzenetricarboxylic acid PROSYNTH® <i>Acide benzénetricarboxylique-(1-2-3) / Acido bencenotricarboxílico-(1,2,3)</i> $C_6H_3(COOH)_3$ $C_9H_6O_6$ $M = 210,14$ g/mol assay (alkalimetric) 95% melting range 197—199 °C	WG. 2915	10 g	19,—	16,15	15,20	14,25
62121	1,2,4-Benzenetricarboxylic acid PROSYNTH® <i>Acide benzénetricarboxylique-(1-2-4) / Acido bencenotricarboxílico-(1,2,4)</i> $C_6H_3(COOH)_3$ $C_9H_6O_6$ $M = 210,14$ g/mol assay (alkalimetric) 99% melting range 229—231 °C (disint.)	PF. 2915	250 g	56,50	48,05	45,20	42,40



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (6 Boxes)	24x (24 Boxes)	96 (96 Boxes)
62122	1,3,5-Benzenetricarboxylic acid PROSYNTH® <i>Acide benzènetricarboxylique-(1-3-5) / Acido bencenotricarboxílico-(1,3,5)</i> <chem>C6H3(COOH)3</chem> <chem>C9H6O6</chem> $M = 210,14$ g/mol assay (alkalimetric) 98%		PF. 2915	100 g	48,—	40,80	38,40	36,—
62123	1,2,4-Benzenetricarboxylic acid anhydride-1,2 PROSYNTH® <i>Anhydride-(1-2)-benzènetricarboxylique-(1-2-4) / Anhidrido-(1,2)-bencenotricarboxílico-(1,2,4)</i> <chem>HOCO-C6H3-COO-CO</chem> <chem>C9H4O5</chem> $M = 192,13$ g/mol assay 98% melting range 165—168 °C  R: 36/37/38-42 S: 22-28 disposal: 21 1,2,3-Benzenetriol see Pyrogallol 1,3,5-Benzenetriol see Phloroglucinol		PF. 2915	500 g	20,75	17,65	16,60	16,—
62111	Benzhydrol PROSYNTH® <i>Benzhydrol / Benzhidrol</i> <chem>(C6H5)2CHOH</chem> <chem>C13H12O</chem> $M = 184,24$ g/mol assay (GC) 99% melting range 65—66 °C		PF. 2905	500 g	82,—	69,70	65,60	63,10
33093	Benzhydroxamic acid R. G. <i>Acide benzhydroxamique / Acido benzhidroxámico</i> <chem>C6H5CONHOH</chem> <chem>C7H7NO2</chem> $M = 137,14$ g/mol		WG. 2929	25 g	77,50	65,90	62,—	58,10
62113	Benzil PROSYNTH® <i>Benzile / Bencilo</i> <chem>C6H5COCOC6H5</chem> <chem>C14H10O2</chem> $M = 210,23$ g/mol assay 97% melting range 93—95 °C		PF. 2913	250 g	24,—	20,40	19,20	18,—
15228	Benzilic acid <i>Acide benzilique / Acido bencílico</i> <chem>(C6H5)2C(OH)COOH</chem> <chem>C14H12O3</chem> $M = 228,25$ g/mol		WG. 2916	100 g	14,25	12,10	11,40	10,70
62114	Benzimidazole PROSYNTH® <i>Benzimidazole / Benzimidazol</i> <chem>C6H4NHCH=N</chem> <chem>C7H6N2</chem> $M = 118,14$ g/mol assay (ex N) 98% melting range 169—171 °C Benzimidazolylguanidine see 2-Guanylbenzimidazole Benzine see Petroleum ether		WG. 2935	100 g	31,75	27,—	25,40	23,80
64581	4,5-Benzisoxazole PROSYNTH® <i>4-5-Benzisoxazol / 4,5-Benzisoxazol</i> <chem>C6H4ON=CH</chem> <chem>C7H5NO</chem> $M = 119,12$ g/mol $1\text{ L} \approx 1,17\text{ kg}$ assay 95% boiling range 100—102 °C refractive index (n_D^{20}) 1,433		FL. 2935	5 ml	32,75	27,85	26,20	24,55
63250	3,4-Benzo[c]cinnoline PROSYNTH® <i>3-4-Benzo[c]cinnoline / 3,4-Benzo[c]cinolina</i> <chem>C6H4C6H4N=N</chem> <chem>C12H8N2</chem> $M = 180,21$ g/mol assay (UV) 98% melting range 156—158 °C log ϵ_{309} (<chem>C2H5OH</chem>) 3,96		FL. 2928	1 g	30,75	26,15	24,60	23,05




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
7,8-Benzoflavin see α -Naphthoflavin							
64292	Benzo[b]furan PROSYNTH® <i>Benzo [b] furanne / Benzo [b] furano</i> <chem>C6H4OCH=CH</chem> <chem>C8H6O</chem> M = 118,13 g/mol 1 L \approx 1,09 kg assay (GC) 99% boiling range 170–173 °C refractive index (n_D^{20}) 1,567	FL. 2935	10 ml	48,—	40,80	38,40	36,—
64293	2-Benzofurancarboxylic acid PROSYNTH® <i>Acide benzofurannecarboxylique-2 / Acido 2-benzofuranocarboxilico</i> <chem>C6H4OC(COOH)=CH</chem> <chem>C9H6O3</chem> M = 162,14 g/mol	WG. 2935	10 g	49,75	42,30	39,80	37,30
Benzoguanamine see 2,4-Diamino-6-phenyl-1,3,5-triazine							
62116 A 6.1/81G C 6.1 2811 3	Benzohydrazide PROSYNTH® <i>Benzohydrazide / Benzohidracida</i> <chem>C6H5CONHNH2</chem> <chem>C7H8N2O</chem> M = 136,15 g/mol assay (ex N) 98% melting range 112–114 °C	PF. 2929	100 g	30,75	26,15	24,60	23,05
33047	Benzoic acid R. G., Reag. ACS, Reag. Ph. Eur. I <i>Acide benzoïque / Acido benzóico</i> <chem>C6H5COOH</chem> <chem>C7H6O2</chem> M = 122,12 g/mol assay min. 99,9% melting range 121–123 °C sulphated ash max. 0,005% iron (Fe) max. 0,0002% heavy metals (as Pb) max. 0,0005% sulphate (SO ₄) max. 0,002% halogen compounds (as Cl) max. 0,005% sulphuric acid compounds (as S) max. 0,002% oxidizable impurities passes test	PF. PF. PF. 2914	100 g 250 g 1 kg	8,75 17,50 49,50	7,45 14,90 42,10	7,— 14,— 39,60	6,55 13,15 38,10
33045	Benzoic acid for calorimetrical determination, about 6320 cal/g $\hat{=}$ 26461 l/g <i>Acide benzoïque / Acido benzóico</i> <chem>C6H5COOH</chem> <chem>C7H6O2</chem> M = 122,12 g/mol measuring insecurity \pm 40 l/g (conversion: 1 cal $\hat{=}$ 4,186 l)	PF. 2914	100 g	32,—	27,20	25,60	24,—
18102	Benzoic acid powder DAB 8 <i>Acide benzoïque / Acido benzóico</i> <chem>C6H5COOH</chem> <chem>C7H6O2</chem> M = 122,12 g/mol assay 99,5% melting range 121–123 °C sulphated ash 0,05% heavy metals (as Pb) 0,002% sulphate (SO ₄) 0,01%	PF. PF. PF. S. 2914	500 g 1 kg 2,5 kg 25 kg	12,75 18,50 40,— price on request	10,85 15,75 33,20	10,20 14,80 31,20	9,80 14,25 30,—
Benzoic acid anilide see Benzanilide							
Benzoic acid hydrazide see Benzohydrazide							
Benzoic acid hydroxamide see Benzhydroxamic acid							
62115	Benzoic anhydride PROSYNTH® <i>Anhydride benzoïque / Anhidrido benzóico</i> <chem>(C6H5CO)2O</chem> <chem>C14H10O3</chem> M = 226,23 g/mol assay 98% melting range 40–43 °C	PF. 2914	500 g	88,50	75,25	70,80	68,15
15249	Benzoin <i>Benzoïne / Benzoina</i> <chem>C6H5CHOHCOC6H5</chem> <chem>C14H12O2</chem> M = 212,25 g/mol	WG. WG. 2913	250 g 1 kg	23,25 71,50	19,75 60,80	18,60 57,20	17,45 55,05





33049	α-Benzoinoxime R. G. <i>α-Benzoinoxime / α-Benzoinoxima</i> $C_6H_5C(NO_2)CH(OH)C_6H_5$ $C_{14}H_{13}NO_2$ $M = 227,26$ g/mol melting range 153—155 °C insoluble in ethanol max. 0,01 % sulphated ash max. 0,2 % suitability for determination of copper passes test	WG. 2929	25 g	17,25	14,65	13,80	12,
60049	Benzonitrile PROSYNTH® <i>Benzonitrile / Benzonitrilo</i> C_6H_5CN C_7H_5N $M = 103,12$ g/mol $1\text{ L} \approx 1,00$ kg assay (GC) 99 % boiling range 189—191 °C refractive index (n_D^{20}) 1,529	FL. FL. 2927	250 ml 1 L	14,— 36,75	11,90 31,25	11,20 29,40	10,5 28,3
60050	Benzophenone PROSYNTH® <i>Benzophénone / Benzofenona</i> $C_6H_5COC_6H_5$ $C_{13}H_{10}O$ $M = 182,22$ g/mol assay (GC) 99 % melting range 47—49 °C	PF. PF. 2913	250 g 1 kg	23,50 75,—	20,— 63,75	18,80 60,—	17,6 57,7
2-Benzophenonecarboxylic acid see 2-Benzoylbenzoic acid							
64296	Benzophenone hydrazone PROSYNTH® <i>Benzophénonehydrazone / Benzofenona hidrazona</i> $(C_6H_5)_2C = NNH_2$ $C_{13}H_{12}N_2$ $M = 196,25$ g/mol assay 98 % melting range 97—99 °C	WG. 2929	50 g	27,25	23,15	21,80	20,45
Benzopinacol see Tetraphenylethanediol-(1,2)							
33954	Benzopurpurine 6 B for microscopy (C. I. No. 25660, S. No. 451) <i>Benzopurpurine 6 B / Benzopurpurina 6 B</i> $(NaO_3S)_2HOC_{10}H_4N = NC_{10}H_3(OH)_2(SO_3Na)_2$ $C_{34}H_{26}N_6Na_2O_6S_2$ $M = 724,73$ g/mol	WG. 3205	25 g	12,—	10,20	9,60	9,—
Benzopyrazole see 1H-Indazole							
63932	Benzo[α]pyrene PROSYNTH® <i>Benzo[α]pyrène / Benzo[α]pireno</i> $C_{20}H_{12}$ $M = 252,31$ g/mol assay (UV) 95 % melting range 174—176 °C log ϵ_{384} (C_2H_5OH) 4,438	FL. 2901	1 g	116,—	98,60	92,80	87,—
63726	Benzo[α]pyridazine PROSYNTH® <i>Benzo[α]pyridazine / Benzo[α]piridacina</i> $C_6H_4CH = NN = CH$ $C_8H_6N_2$ $M = 130,15$ g/mol assay (GC) 98 % melting range 89—91 °C	WG. 2935	5 g	50,50	42,95	40,40	37,90
3,4-Benzopyridine see Isoquinoline							
5,6-Benzoquinoline see β -Naphthoquinoline							




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
15306	1,4-Benzoquinone	WG.	100 g	14,—	11,90	11,20	10,50
A 6.1/22	<i>1-4-Benzoquinone / 1,4-Benzoquinona</i>	WG.	1 kg	78,50	66,75	62,80	60,45
C 6.1 2811 3	$O = C_6H_4 = O$ $C_6H_4O_2$ $M = 108,10$ g/mol	2913					
	assay 99%						
	melting range 113—115 °C						
	melting range 113—115 °C						
	sulphated ash 0,1%						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,001%						
	 R: 23/25-36/37/38 S: 26-28-44 disposal: 6						
64297	Benzothiazole PROSYNTH®	FL.	250 ml	29,50	25,10	23,60	22,15
A 6.1/21F	<i>Benzothiazole / Benzotiazol</i>	2935					
C 6.1 2810 2	C_7H_5NS $M = 135,19$ g/mol $1\text{ L} \approx 1,25$ kg						
	assay (GC) 98%						
	boiling range 229—231 °C						
	refractive index (n_D^{20}) 1,643						
60051	Benzotriazole PROSYNTH®	PF.	250 g	47,—	39,95	37,60	35,25
	<i>Benzotriazole / Benzotriazol</i>	PF.	1 kg	156,—	132,60	124,80	120,10
	$C_6H_4NHN=N$ $C_6H_5N_3$ $M = 119,13$ g/mol	2935					
	assay (ex N) 99%						
	melting range 93—95 °C						
60052	Benzotrichloride PROSYNTH®	FL.	500 ml	16,—	13,60	12,80	12,30
A 8/22	<i>Benzotrichlorure / Benzotricloruro</i>	2902					
C 8 2226 2	$C_6H_5CCl_3$ $C_7H_5Cl_3$ $M = 195,48$ g/mol $1\text{ L} \approx 1,37$ kg						
	assay (GC) 98%						
	boiling range 219—221 °C						
	refractive index (n_D^{20}) 1,558						
	 R: 20 S: 24/25 disposal: 7						
61073	Benzotrifluoride PROSYNTH®	FL.	500 ml	44,75	38,05	35,80	34,45
A 3/1A	<i>Benzotrifluorure / Benzotrifluoruro</i>	2902					
C 3.2 2338 2	$C_6H_5CF_3$ $C_7H_5F_3$ $M = 146,11$ g/mol $1\text{ L} \approx 1,20$ kg						
+12 °C	assay (GC) 99%						
	boiling range 100—102 °C						
	refractive index (n_D^{20}) 1,415						
	 R: 11 S: 16-23 disposal: 7						
	Benzotron® see Sodium benzoate						
62124	Benzoylacetone PROSYNTH®	FL.	100 g	131,—	111,35	104,80	98,25
	<i>Benzoylacetone / Benzoilacetona</i>	2913					
	$C_6H_5COCH_2COCH_3$ $C_{10}H_{10}O_2$ $M = 162,19$ g/mol						
	assay 98%						
	melting range 54—57 °C						
39099	N^α-Benzoyl-L-argininamide hydrochloride monohydrate	FL.	1 g	17,25	14,65	13,80	12,95
	(BAA) BIOSYNTH®	2926					
	<i>N^α-Benzoyl-L-argininamide chlorhydrate monohydrate</i>						
	(BAA) / <i>N^α-Benzoil-L-argininamida clorhidrato monohidrato</i>						
	(BAA)						
	$NH_2C(=NH)NH(CH_2)_3CH(NHCOC_6H_5)CONH_2 \cdot HCl \cdot H_2O$ $C_{13}H_{20}ClN_5O_2 \cdot H_2O$ $M = 331,80$ g/mol						
	assay (ex N) 99%						
	melting range 123—126 °C						


39294	N^α-Benzoyl-L-arginine BIOSYNTH[®] <i>N^α-Benzyol-L-arginine / N^α-Benzoil-L-arginina</i> NH ₂ C(=NH)NH(CH ₂) ₃ CH ₂ CH(NHCOC ₆ H ₅)COOH C ₁₃ H ₁₈ N ₄ O ₃ M = 278,31 g/mol	FL. 2923	1 g	10,50	8,95	8,40	7,
39052	N^α-Benzoyl-L-arginine ethyl ester hydrochloride (BAEE) BIOSYNTH[®] <i>Ethyle N^α-benzoyl-L-argininate chlorhydrate (BAEE) / Etilo N^α-benzoil-L-argininato clorhidrato (BAEE)</i> NH ₂ C(=NH)NH(CH ₂) ₃ CH(NHCOC ₆ H ₅)COOC ₂ H ₅ · HCl C ₁₅ H ₂₃ ClN ₄ O ₃ M = 342,82 g/mol melting range 127–130 °C	WG. 2926	10 g	100,—	85,—	80,—	75,
62125	2-Benzoylbenzoic acid PROSYNTH[®] <i>Acide 2-benzoylbenzoïque / Acido 2-benzoilbenzóico</i> C ₆ H ₅ COC ₆ H ₄ COOH C ₁₄ H ₁₀ O ₃ M = 226,23 g/mol assay (alkalimetric) 98% melting range 127–129 °C	PF. 2916	250 g	30,—	25,50	24,—	22,5
33052 A 8/22 C 8 1736 2 +72 °C	Benzoyl chloride R. G., Reag. ACS, Reag. Ph. Eur. I <i>Benzoyle chlorure / Benzoilo cloruro</i> C ₆ H ₅ COCl C ₇ H ₅ ClO M = 140,57 g/mol 1 L ≈ 1,21 kg assay min. 99% boiling range 196–198 °C density (D ₄ ²⁰) 1,212–1,214 refractive index (n _D ²⁰) 1,5530–1,5550 non-volatile matter max. 0,05% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% sulphur compounds (as SO ₄) max. 0,003% phosphorus compounds (as PO ₄) max. 0,002%	FL. FL. 2914	500 ml 2,5 L	18,— 70,—	15,30 58,10	14,40 54,60	13,8 52,5
60054 A 8/22 C 8 1736 2 +72 °C	Benzoyl chloride PROSYNTH[®] <i>Benzoyle chlorure / Benzoilo cloruro</i> C ₆ H ₅ COCl C ₇ H ₅ ClO M = 140,57 g/mol 1 L ≈ 1,21 kg assay (ex Cl) 99% boiling range 196–198 °C refractive index (n _D ²⁰) 1,553	FL. FL. 2914	500 ml 2,5 L	14,— 51,—	11,90 42,35	11,20 39,80	10,80 38,25
15215 A 8/22 C 8 1736 2 +72 °C	Benzoyl chloride pure <i>Benzoyle chlorure / Benzoilo cloruro</i> C ₆ H ₅ COCl C ₇ H ₅ ClO M = 140,57 g/mol 1 L ≈ 1,21 kg assay 98% boiling range 195–198 °C density (D ₄ ²⁰) 1,210–1,215 refractive index (n _D ²⁰) 1,5520–1,5550	FL. FL. STP. 2914	500 ml 1 L 30 kg	13,50 24,75 kg	11,50 21,05 7,80	10,80 19,80	10,40 19,05
64789 A 8.1/21A C 8.1 2811 2	Benzoyl cyanide PROSYNTH[®] <i>Benzoyle cyanure / Benzoilo cianuro</i> C ₆ H ₅ COCN C ₆ H ₅ NO M = 131,14 g/mol assay (GC) 98% melting range 28–31 °C	WG. 2927	50 g	34,50	29,35	27,60	25,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
64298	Benzoyl formaldehyde oxime PROSYNTH® <i>Benzoylformaldéhyde-oxime / Benzoílo formaldoxima</i> $C_6H_5COCH=NOH$ $C_8H_7NO_2$ $M=149,15$ g/mol assay (ex N) 99% melting range 123–125 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. 2929	50 g	135,50	115,20	108,40	101,65
62127 A 5.2/8B C 5.2 2090 2	Benzoyl peroxide PROSYNTH® moistened with about 25% H_2O <i>Benzoyl peroxyde / Benzoílo peróxido</i> $(C_6H_5CO)_2O_2$ $C_{14}H_{10}O_4$ $M=242,23$ g/mol assay (on dry substance) 98%   R: 3-36/37/38 S: 3-7/9-14-27-34-37/39 disposal: 16	PF. 2914	500 g	32,50	27,65	26,—	25,05
39297	N-Benzoyl-DL-phenylalanine-2-naphthyl ester BIOSYNTH® <i>2-Naphtyl-N-benzoyl-DL-phénylalaninate / 2-Naftilo-N-benzoil-DL-fenilalaninato</i> $C_6H_5CH_2CH(NHCOC_6H_5)COOC_{10}H_7$ $C_{26}H_{21}NO_3$ $M=395,46$ g/mol	FL. 2923	1 g	31,—	26,35	24,80	23,25
33054	N-Benzoyl-N-phenylhydroxylamine R. G. <i>N-Benzoyl-N-phénylhydroxylamine / N-Benzoil-N-fenilhidroxilamina</i> $C_6H_5CON(OH)C_6H_5$ $C_{13}H_{11}NO_2$ $M=213,24$ g/mol assay min. 97,5% melting range 120–122 °C loss on drying (105 °C) max. 0,5% sulphated ash max. 0,05%	WG. 2929	10 g	39,25	33,35	31,40	29,45
64299 A 8/21D C 8 1759 2	3-Benzoylpropionic acid PROSYNTH® <i>Acide benzoyl-3-propionique / Acido 3-benzoilpropiónico</i> $C_6H_5COCH_2CH_2COOH$ $C_{10}H_{10}O_3$ $M=178,19$ g/mol assay (alkalimetric) 97% melting range 116–118 °C	WG. 2916	50 g	52,—	44,20	41,60	39,—
64300	2-Benzoylpyridine PROSYNTH® <i>Benzoyl-2-pyridine / 2-Benzoilpiridina</i> $N=CHCH=CHCH=CCOC_6H_5$ $C_{12}H_9NO$ $M=183,21$ g/mol assay (GC) 98% melting range 41–43 °C	WG. 2935	50 g	36,—	30,60	28,80	27,—
62329	3-Benzoylpyridine PROSYNTH® <i>3-Benzoylpyridine / 3-Benzoilpiridina</i> $C_{12}H_9NO$ $M=183,21$ g/mol assay (GC) 98% melting range 39–42 °C	WG. 2935	25 g	28,75	24,45	23,—	21,55
62391	4-Benzoylpyridine PROSYNTH® <i>4-Benzoylpyridine / 4-Benzoilopiridina</i> $N=CHCH=C(COC_6H_5)CH=CH$ $C_{12}H_9NO$ $M=183,21$ g/mol assay (GC) 98% melting range 68–70 °C	WG. 2935	25 g	13,25	11,25	10,60	9,95
62129	2-Benzoylthiophene PROSYNTH® <i>2-Benzoylthiophène / 2-Benzoiltiofeno</i> $C_{11}H_8OS$ $M=188,25$ g/mol assay (GC) 97% melting range 54–56 °C	WG. 2931	10 g	12,—	10,20	9,60	9,—

			1x	6x	24x	96
			(1 Box)	(6 Boxes)	(24 Boxes)	(96 Boxes)
61218	Benzoyl-1,1,1-trifluoroacetone PROSYNTH® <i>Benzoyl-1-1-1-trifluoroacétone / Benzoilo-1,1,1-trifluoroacetona</i> <chem>C6H5COCH2COCF3</chem> <chem>C10H7F3O2</chem> $M = 216,16$ g/mol assay (GC) 98% melting range 37–38 °C	WG. WG. 2913	† 10 g 100 g	36,— 65,—	32,05 55,25	52,— 48,—
60473	Benzyl acetate PROSYNTH® <i>Benzyle acétate / Bencilo acetato</i> <chem>CH3COOCH2C6H5</chem> <chem>C9H10O2</chem> $M = 150,18$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 99% boiling range (at 16 mbar) 94–96 °C refractive index (n_D^{20}) 1,503	FL. FL. 2914	500 ml 2,5 L	19,75 76,50	16,80 63,50	15,80 59,65
62130	Benzylacetone PROSYNTH® <i>Benzylacétone / Bencilacetona</i> <chem>C6H5CH2CH2COCH3</chem> <chem>C10H12O</chem> $M = 148,20$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 98% boiling range (at 13 mbar) 111–113 °C refractive index (n_D^{20}) 1,512	FL. 2913	250 ml	32,75	27,85	26,20
33055	Benzyl alcohol R. G., Reag. Ph. Eur. I <i>Alcool benzylique / Alcohol bencilico</i> <chem>C6H5CH2OH</chem> <chem>C7H8O</chem> $M = 108,14$ g/mol $1\text{ L} \approx 1,04$ kg assay (GC) min. 99,5% boiling range 204–207 °C density (D_4^{20}) 1,043–1,046 refractive index (n_D^{20}) 1,5380–1,5400 water (acc. to Karl Fischer) max. 0,1% sulfated ash max. 0,005% free acid (as <chem>C6H5COOH</chem>) max. 0,01% iron (Fe) max. 0,0001% heavy metals (as Pb) max. 0,0001% benzaldehyde max. 0,1% chlorated compounds (as Cl) max. 0,001% peroxides (as <chem>H2O2</chem>) max. 0,001%	FL. FL. 2905	250 ml 1 L	14,— 41,—	11,90 34,85	11,20 32,80
	 R: 20/22 S: 26 disposal: 6					
24122	Benzyl alcohol pure DAC <i>Alcool benzylique / Alcohol bencilico</i> <chem>C6H5CH2OH</chem> <chem>C7H8O</chem> $M = 108,14$ g/mol $1\text{ L} \approx 1,04$ kg assay (GC) 99,8% boiling range 204–207 °C density (D_4^{20}) 1,043–1,046 refractive index (n_D^{20}) 1,5380–1,5400 non-volatile matter 0,01% sulphated ash 0,01% free acid (as benzoic acid) 0,01% heavy metals (as Pb) 0,001% benzaldehyde (GC) 0,05% chlorated compounds (as Cl) 0,002%	FL. FL. EKL. EKL. EKL. F. 2905	1 L 2,5 L 35 kg 5x 10x 200 kg	32,25 68,— kg kg kg kg	27,40 56,45 11,90 11,30 10,90 10,70	25,80 53,05 24,85 51,—
	 R: 20/22 S: 26 disposal: 6					
60057	Benzylamine PROSYNTH® <i>Benzylamine / Bencilamina</i> <chem>C6H5CH2NH2</chem> <chem>C7H9N</chem> $M = 107,15$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 99% boiling range 184–185 °C refractive index (n_D^{20}) 1,542	FL. 2922	500 ml	31,50	26,80	25,20
	 R: 34 S: 26 disposal: 19					

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
4301	2-Benzylaminoethanol PROSYNTH® <i>Benzylamino-2-éthanol / 2-Bencilaminoetanol</i> <chem>C6H5CH2NHCH2CH2OH</chem> <chem>C9H13NO</chem> $M = 151,21$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 98% boiling range (at 16 mbar) 153–156 °C refractive index (n_D^{20}) 1,543	FL. 2923	250 ml	38,25	32,50	30,60	28,70
3258	2-Benzylaminopyridine PROSYNTH® <i>2-Benzylaminopyridine / 2-Bencilaminopiridina</i> <chem>N=CHCH=CHCH=C[NHCH2C6H5]</chem> <chem>C12H12N2</chem> $M = 184,24$ g/mol assay (ex N) 98% melting range 93–94 °C	WG. 2935	100 g	33,25	28,25	26,60	24,95
7611	○ Benzyl benzoate DAC, U. S. P. XIX <i>Benzyle benzoate / Bencilo benzoato</i> <chem>C6H5COOCH2C6H5</chem> <chem>C14H12O2</chem> $M = 212,25$ g/mol $1\text{ L} \approx 1,11$ kg assay 99,5% congealing point 18 °C density (D_{20}^{20}) 1,116–1,120 refractive index (n_D^{20}) 1,5680–1,5700 sulphated ash 0,01% heavy metals (as Pb) 0,001%  R: 22 S: 25 disposal: 6	FL. EKL. 2914	1 L 35 kg	30,75 price on request	26,15	24,60	23,70
4302	Benzyl bromide PROSYNTH® <i>Benzyle bromure / Bencilo bromuro</i> <chem>C6H5CH2Br</chem> <chem>C7H7Br</chem> $M = 171,04$ g/mol $1\text{ L} \approx 1,44$ kg assay (GC) 99% boiling range (at 15 mbar) 77–80 °C refractive index (n_D^{20}) 1,575  R: 36/37/38 S: 39 disposal: 21	FL. 2902	250 ml	42,—	35,70	33,60	31,50
	Benzyl bromide see also 2-Bromotoluene						
2198	Benzyl bromoacetate PROSYNTH® <i>Benzyle bromoacétate / Bencilo bromoacetato</i> <chem>BrCH2COOCH2C6H5</chem> <chem>C9H9BrO2</chem> $M = 229,07$ g/mol $1\text{ L} \approx 1,46$ kg assay (GC) 97% boiling range (at 0,1 mbar) 97–99 °C refractive index (n_D^{20}) 1,545  R: 26/27/28 S: 7/9-26-45 disposal: 7	FL. 2914	100 ml	29,50	25,10	23,60	22,15
0058	Benzyl chloride PROSYNTH® <i>Benzyle chlorure / Bencilo cloruro</i> <chem>C6H5CH2Cl</chem> <chem>C7H7Cl</chem> $M = 126,59$ g/mol $1\text{ L} \approx 1,10$ kg assay (GC) 99% boiling range 178–179 °C refractive index (n_D^{20}) 1,539  R: 36/37/38 S: 39 disposal: 21	FL. FL. 2902	500 ml 2,5 L	11,50 42,—	9,80 34,85	9,20 32,75	8,85 31,50

60416	Benzyl chloroformate solution 50% in toluene PROSYNTH®	FL.	200 ml	31,25	26,55	25,—	2,
A 6.1/48	<i>Benzyle chloroformiate en solution / Bencilo cloroformiato en solució</i>	2914					
C 8 1739 1	<chem>C1COOCH2C6H5</chem> <chem>C6H7ClO2</chem> $M = 170,60$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 50% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
	  R: 11-36/37/38 S: 16-26-29 disposal: 7						
60059	Benzyl cyanide PROSYNTH®	FL.	500 ml	23,50	20,—	18,80	18,
A 6.1/21A	<i>Benzyle cyanure / Bencilo cianuro</i>	FL.	2,5 L	95,50	79,25	74,50	71,
C 6.1 2470 3	<chem>C6H5CH2CN</chem> <chem>C6H7N</chem> $M = 117,15$ g/mol $1\text{ L} \approx 1,02$ kg assay (GC) 98% boiling range 231—233 °C refractive index (n_D^{20}) 1,523	2927					
39240	S-Benzyl-L-cysteine BIOSYNTH®	WG.	25 g	109,—	92,65	87,20	81,
	<i>S-Benzyl-L-cystéine / S-Bencil-L-cisteína</i>	2931					
	<chem>C6H5CH2SCH2CH(NH2)COOH</chem> <chem>C10H13NO2S</chem> $M = 211,28$ g/mol						
63252	N-Benzyl dimethylamine PROSYNTH®	FL.	100 ml	10,—	8,50	8,—	7,
A 8/35	<i>N-Benzyl diméthylamine / N-Bencildimetilamina</i>	2922					
C 3.3 2619 3	<chem>C6H5CH2N(CH3)2</chem> <chem>C9H13N</chem> $M = 135,20$ g/mol $1\text{ L} \approx 0,90$ kg assay (GC) 99% boiling range 180—181 °C refractive index (n_D^{20}) 1,502						
64480	Benzyl dimethylhexadecylammonium chloride PROSYNTH®	WG.	25 g	17,—	14,45	13,60	12,7
	<i>Benzyl diméthylhexadécylammonium chlorure / Bencildimetilhexadecilamonio cloruro</i>	2924					
	<chem>CH3(CH2)15N(Cl)(CH3)2CH2C6H5 \cdot H2O</chem> <chem>C25H46ClN \cdot H2O</chem> $M = 414,11$ g/mol assay (ex Cl) 97%						
64562	Benzyl dimethyltetradecylammonium chloride PROSYNTH®	WG.	10 g	25,25	21,45	20,20	18,9
	<i>Benzyl diméthyltétradécylammonium chlorure / Bencildimetiltetradecilamonio cloruro</i>	2924					
	<chem>CH3(CH2)13N(Cl)(CH3)2CH2C6H5</chem> <chem>C23H42ClN</chem> $M = 368,04$ g/mol assay (ex Cl) 99% melting range 62—64 °C						
	Benzyl ether see Dibenzyl ether						
61401	Benzyl fluoroformate PROSYNTH®	FL.	50 ml	156,—	132,60	124,80	117,—
A 6.1/61F	<i>Benzyle fluoroformiate / Bencilo fluoroformiato</i>	2914					
C 8 1760 2	<chem>FCOOCH2C6H5</chem> <chem>C6H7FO2</chem> $M = 154,14$ g/mol $1\text{ L} \approx 1,10$ kg						
	 R: 23/24/25 S: 44 disposal: 7						
63253	Benzyl formate PROSYNTH®	FL.	500 ml	80,50	68,45	64,40	62,—
A 3/3	<i>Benzyle formiate / Bencilo formiato</i>	2914					
C 3.3 1992 2	<chem>HCOOCH2C6H5</chem> <chem>C6H8O2</chem> $M = 136,15$ g/mol $1\text{ L} \approx 1,09$ kg assay (GC) 96% boiling range 202—204 °C refractive index (n_D^{20}) 1,512						
+42 °C	R: 10 disposal: 6						

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			1x	6x	24x	96x	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
39431	γ-Benzyl L-glutamate BIOSYNTH® <i>γ-Benzyle L-glutamate / γ-Bencilo L-glutamiato</i> <chem>HOOCCH(NH2)CH2CH2COOCH2C6H5</chem> <chem>C12H15NO4</chem> $M = 237,25$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2923	1 g	13,—	11,05	10,40	9,75
62132	Benzylideneacetone PROSYNTH® <i>Benzylidène acétone / Bencilidenacetona</i> <chem>C6H5CH=CHCOCH3</chem> <chem>C10H10O</chem> $M = 146,19$ g/mol assay (GC) 98% melting range 39—40 °C	WG. 2913	250 g	18,—	15,30	14,40	13,50
62133	Benzylideneacetophenone PROSYNTH® <i>Benzylidène acétophénone / Bencilidenacetofenona</i> <chem>C6H5CH=CHCOC6H5</chem> <chem>C15H12O</chem> $M = 208,26$ g/mol assay (GC) 98% melting range 54—56 °C	PF. 2913	100 g	25,25	21,45	20,20	18,95
64544	Benzylmalonic acid PROSYNTH® <i>Acide benzylmalonique / Acido bencilmalónico</i> <chem>C6H5CH2CH(COOH)2</chem> <chem>C10H10O4</chem> $M = 194,19$ g/mol assay (alkalimetric) 98% melting range 117—120 °C	WG. 2915	10 g	18,75	15,95	15,—	14,05
63254	Benzyl-DL(±)-mandelate PROSYNTH® <i>Benzyle DL(±)-mandélate / Bencilo DL(±)-amigdalato</i> <chem>C6H5CH(OH)COOCH2C6H5</chem> <chem>C15H14O3</chem> $M = 242,27$ g/mol assay (GC) 99% melting range 94—96 °C	WG. 2916	100 g	31,50	26,80	25,20	23,65
62135 A 3/4 70 °C	Benzylmercaptan PROSYNTH® <i>Benzylmercaptan / Bencilmercaptano</i> <chem>C6H5CH2SH</chem> <chem>C7H8S</chem> $M = 124,21$ g/mol 1 L \approx 1,05 kg assay (GC) 99% boiling range 194—195 °C refractive index (n_D^{20}) 1,575	FL. 2931	100 ml	19,25	16,35	15,40	14,45
62136 A 3/3 C 3.3 1993 2 +53 °C	N-Benzylmethylamine PROSYNTH® <i>N-Benzylméthylamine / N-Bencilmetilamina</i> <chem>C6H5CH2NHCH3</chem> <chem>C6H11N</chem> $M = 121,18$ g/mol 1 L \approx 0,94 kg assay (GC) 98% boiling range 184—186 °C refractive index (n_D^{20}) 1,522  R: 10-36/37/38 S: 28 disposal: 19	FL. 2922	250 ml	30,—	25,50	24,—	22,50
62137 A 3/4 +85 °C	Benzyl methyl ketone PROSYNTH® <i>Benzylméthylcétone / Bencilmetilcetona</i> <chem>C6H5CH2COCH3</chem> <chem>C9H10O</chem> $M = 134,18$ g/mol 1 L \approx 1,02 kg assay (GC) 98% boiling range 214—216 °C refractive index (n_D^{20}) 1,516	FL. 2913	250 ml	49,75	42,30	39,80	37,30
63255	Benzyl nicotinate PROSYNTH® <i>Benzyle nicotinate / Bencilo nicotinato</i> <chem>CH=CHCH=NCH=CCOOCH2C6H5</chem> <chem>C13H11NO2</chem> $M = 213,24$ g/mol 1 L \approx 1,16 kg assay (GC) 99% refractive index (n_D^{20}) 1,569	PF. 2935	100 ml	56,—	47,60	44,80	42,—

Code Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (18 Boxes)
63256	4-Benzylloxylanilinium chloride PROSYNTH® <i>4-Benzylloxylanilinium chlorure / 4-Benciloxianilinio cloruro</i> $C_6H_5CH_2OC_6H_4NH_2 \cdot HCl$ $C_{13}H_{14}ClNO$ $M = 235,71$ g/mol assay 97% melting range 227–229 °C	WG. 2923	50 g	36,—	30,60	28,80	27
39053	N-Benzylloxycarbonyl-L-alanine BIOSYNTH® <i>N-Benzylloxycarbonyl-L-alanine / N-Benciloxycarbonil-L-alanina</i> $CH_3CH(NHCOOCH_2C_6H_5)COOH$ $C_{11}H_{13}NO_4$ $M = 223,23$ g/mol assay (ex N) 99% melting range 83–85 °C specific rotation ($[\alpha]_D^{20}$; c=2 in CH_3COOH) .. $-15^\circ \pm 1^\circ$	WG. 2925	10 g	35,25	29,95	28,20	26
39061	N^α-Benzylloxycarbonyl-L-arginine BIOSYNTH® <i>N^α-Benzylloxycarbonyl-L-arginine / N^α-Benciloxycarbonil-L-arginina</i> $NH = C(NH_2)NH(CH_2)_3CH(NHCOOCH_2C_6H_5)COOH$ $C_{14}H_{20}N_4O_4$ $M = 308,34$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=5 in HCl 1 mol/l) $-9,0^\circ \pm 1^\circ$	WG. 2926	10 g	21,50	18,30	17,20	16
39238	N-Benzylloxycarbonyl-L-asparagine BIOSYNTH® <i>N-Benzylloxycarbonyl-L-asparagine / N-Benciloxycarbonil-L-asparagina</i> $NH_2COCH_2CH(NHCOOCH_2C_6H_5)COOH$ $C_{12}H_{14}N_2O_5$ $M = 266,25$ g/mol	WG. 2925	5 g	12,50	10,65	10,—	9,4
39239	N-Benzylloxycarbonyl-L-asparagine-4-nitrophenylester BIOSYNTH® <i>N-Benzylloxycarbonyl-L-asparagine-4-nitrophénylester / N-Benciloxycarbonil-L-asparagina-4-nitrofenilester</i> $NH_2COCH_2CH(NHCOOCH_2C_6H_5)COOC_6H_4NO_2$ $C_{18}H_{17}N_3O_7$ $M = 387,35$ g/mol	FL. WG. 2925	1 g 50 g	15,50 305,—	13,20 259,25	12,40 244,—	11,6 228,7
39241	N-Benzylloxycarbonyl-S-benzyl-L-cysteine BIOSYNTH® <i>N-Benzylloxycarbonyl-S-benzyl-L-cystéine / N-Benciloxycarbonil-S-bencil-L-cisteina</i> $C_6H_5CH_2SCH_2CH(NHCOOCH_2C_6H_5)COOH$ $C_{18}H_{19}NO_4S$ $M = 345,42$ g/mol	WG. WG. 2931	5 g 100 g	23,— 252,—	19,55 214,20	18,40 201,60	17,25 189,—
39254	N-Benzylloxycarbonyl-O-tert.-butyl-L-serine dicyclohexylammonium salt BIOSYNTH® <i>N-Benzylloxycarbonyl-O-tert.-butyl-L-sérine, sel de dicyclohexylammonium / N-Benciloxycarbonil-O-tert.-butyl-L-serina, sal diciclohexilamónica</i> $(CH_3)_3COCH_2CH(NHCOOCH_2C_6H_5)COOH \cdot C_{12}H_{23}N$ $C_{15}H_{21}NO_5 \cdot C_{12}H_{23}N$ $M = 476,66$ g/mol	FL. WG. 2925	1 g 50 g	31,75 676,—	27,— 574,60	25,40 540,80	23,80 507,—
39255	N-Benzylloxycarbonyl-O-tert.-butyl-L-threonine dicyclohexylammonium salt BIOSYNTH® <i>N-Benzylloxycarbonyl-O-tert.-butyl-L-thréonine, sel de dicyclohexylammonium / N-Benciloxycarbonil-O-terc.-butyl-L-treonina, sal diciclohexilamónica</i> $(CH_3)_3COCH(CH_3)CH(NHCOOCH_2C_6H_5)COOH \cdot C_{12}H_{23}N$ $C_{16}H_{23}NO_5 \cdot C_{12}H_{23}N$ $M = 490,68$ g/mol	FL. WG. 2925	1 g 50 g	31,75 676,—	27,— 574,60	25,40 540,80	23,80 507,—
39256	N-Benzylloxycarbonyl-O-tert.-butyl-L-tyrosine dicyclohexylammonium salt BIOSYNTH® <i>N-Benzylloxycarbonyl-O-tert.-butyl-L-tyrosine, sel de dicyclohexylammonium / N-Benciloxycarbonil-O-terc.-butyl-L-tirosina, sal diciclohexilamónica</i> $(CH_3)_3COC_6H_4CH_2CH(NHCOOCH_2C_6H_5)COOH \cdot C_{12}H_{23}N$ $C_{12}H_{25}NO_5 \cdot C_{12}H_{23}N$ $M = 444,65$ g/mol	FL. WG. 2925	1 g 50 g	29,50 641,—	25,10 544,85	23,60 512,80	22,15 480,75






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39245	N^α-Benzyloxycarbonyl-N^γ-(4,4'-dimethoxybenzhydryl)-L-glutamine BIOSYNTH[®] <i>N^α-Benzyloxycarbonyl-N^γ-(4-4'-diméthoxybenzhydrile-L-glutamine / N^α-Benciloxicarbonil-N^γ-(4,4'-dimetoxibenzhidril)-- L-glutamina</i> <chem>NH(C15H17O2)COCH2CH2CH(NHCOOCH2C6H5)COOH</chem> <chem>C28H32N2O7</chem> $M = 508,57$ g/mol	WG. 2925	5 g	50,50	42,95	40,40	37,90
39056	N-Benzyloxycarbonyl-L-glutamic acid BIOSYNTH[®] <i>Acide N-benzyloxycarbonyl-L-glutamique / Acido N-benciloxicarbonil-L-glutámico</i> <chem>HOOCCH2CH2CH(NHCOOCH2C6H5)COOH</chem> <chem>C13H15NO6</chem> $M = 281,26$ g/mol assay (ex N) 99% melting range 118–120 °C specific rotation ($[\alpha]_D^{20}$; c=8 in CH ₃ COOH) . . . $-8,0^\circ \pm 1^\circ$	WG. 2925	10 g	20,25	17,20	16,20	15,20
39247	N-Benzyloxycarbonyl-L-glutamic acid tert.-butyl ester dicyclohexylammonium salt BIOSYNTH[®] <i>Acide N-benzyloxycarbonyl-L-glutamique tert.-butylester, sel de dicyclohexylammonium / Acido N-benciloxicarbonil-L-glutámico-terc.-butilester, sal diciclohexilamónica</i> <chem>C17H23NO6 · C12H23N</chem> $M = 518,69$ g/mol	FL. PF. 2925	1 g 50 g	12,75 379,—	10,85 322,15	10,20 303,20	9,55 284,25
39054	N-Benzyloxycarbonyl-L-glutamine BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-glutamine / N-Benciloxicarbonil-L-glutamina</i> <chem>NH2COCH2CH2CH(NHCOOCH2C6H5)COOH</chem> <chem>C13H16N2O5</chem> $M = 280,28$ g/mol assay (ex N) 99% melting range 133–135 °C specific rotation ($[\alpha]_D^{20}$; c=2 in C ₂ H ₅ OH) . . . $-7,0^\circ \pm 1^\circ$	WG. 2925	10 g	23,75	20,20	19,—	17,80
39244	N-Benzyloxycarbonyl-L-glutamine-tert.-butyl ester BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-glutamine-tert.-butylester / N-Benciloxicarbonil-L-glutamina-terc.-butilester</i> <chem>NH2COCH2CH2CH(NHCOOCH2C6H5)COOC(CH3)3</chem> <chem>C17H24N2O5</chem> $M = 336,39$ g/mol	FL. WG. 2925	1 g 50 g	28,25 573,—	24,— 487,05	22,60 458,40	21,20 429,75
39243	N-Benzyloxycarbonyl-L-glutamine-4-nitrophenyl ester BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-glutamine-4-nitrophénylester / N-Benciloxicarbonil-L-glutamina-4-nitrofenil ester</i> <chem>NH2COCH2CH2CH(NHCOOCH2C6H5)COOC6H4NO2</chem> <chem>C19H19N3O7</chem> $M = 401,38$ g/mol	FL. WG. 2925	1 g 50 g	17,25 298,—	14,65 253,30	13,80 238,40	12,95 223,50
39055	N-Benzyloxycarbonyl-L-glutamyl-L-phenylalanine BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-glutamyl-L-phénylalanine / N-Benciloxicarbonil-L-glutamil-L-fenilalanina</i> ampoule of 250 mg <chem>C22H24N2O7</chem> $M = 428,44$ g/mol	2925	1 pack	33,25	28,25	26,60	24,95
39057	N-Benzyloxycarbonyl-L-glutamyl-L-tyrosine BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-glutamyl-L-tyrosine / N-Benciloxicarbonil-L-glutamil-L-tirosina</i> ampoule of 250 mg <chem>HOOCCH2CH2CH(NHCOOCH2C6H5)CONHCH(CH2C6H4OH)COOH</chem> <chem>C22H24N2O8</chem> $M = 444,44$ g/mol	2925	1 pack	35,75	30,40	28,60	26,80
39058	N-Benzyloxycarbonylglycine BIOSYNTH[®] <i>N-Benzyloxycarbonylglycine / N-Benciloxicarbonilglicina</i> <chem>C6H5CH2OCONHCH2COOH</chem> <chem>C10H11NO4</chem> $M = 209,20$ g/mol assay (ex N) 99% melting range 118–120 °C	WG. 2925	25 g	41,50	35,30	33,20	31,15



39248	N^α-Benzyloxycarbonyl-L-histidine hydrazide BIOSYNTH® <i>N^α-Benzyloxycarbonyl-L-histidine hydrazide /</i> <i>N^α-Benciloxicarbonil-L-histidina hidracida</i> $\text{NHCH}=\text{NCH}=\text{CCH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{CONH}=\text{NH}_2$ $\text{C}_{14}\text{H}_{17}\text{N}_5\text{O}_3$ $M=303,32$ g/mol	WG. 2935	5 g	25,—	21,25	20,—	18
39249	N-Benzyloxycarbonyl-L-iso-leucine dicyclohexylammonium salt BIOSYNTH® <i>N-Benzyloxycarbonyl-L-iso-leucine, sel de</i> <i>dicyclohexylammonium / N-Benciloxicarbonil-L-iso-leucina,</i> <i>sal diciclohexilamónica</i> $\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH} \cdot \text{C}_{12}\text{H}_{23}\text{N}$ $\text{C}_{14}\text{H}_{19}\text{NO}_4 \cdot \text{C}_{12}\text{H}_{23}\text{N}$ $M=446,63$ g/mol	WG. WG. 2925	5 g 100 g	27,25 275,—	23,15 233,75	21,80 220,—	20 206
39250	N-Benzyloxycarbonyl-L-leucine dicyclohexylammonium salt BIOSYNTH® <i>N-Benzyloxycarbonyl-L-leucine sel de</i> <i>dicyclohexylammonium / N-Benciloxicarbonil-L-leucina sal</i> <i>diciclohexilamónica</i> $(\text{CH}_3)_2\text{CHCH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH} \cdot \text{C}_{12}\text{H}_{23}\text{N}$ $\text{C}_{14}\text{H}_{19}\text{NO}_4 \cdot \text{C}_{12}\text{H}_{23}\text{N}$ $M=446,63$ g/mol	WG. 2925	10 g	18,75	15,95	15,—	14
39059	N^ε-Benzyloxycarbonyl-L-lysine BIOSYNTH® <i>N^ε-Benzyloxycarbonyl-L-lysine / N^ε-Benciloxicarbonil-L-</i> <i>lisina</i> $\text{C}_6\text{H}_5\text{CH}_2\text{OCONH}(\text{CH}_2)_4\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_{14}\text{H}_{20}\text{N}_2\text{O}_4$ $M=280,32$ g/mol	WG. 2923	10 g	37,—	31,45	29,60	27,7
39246	N^α-Benzyloxycarbonyl-L-lysine BIOSYNTH® <i>N^α-Benzyloxycarbonyl-L-lysine / N^α-Benciloxicarbonil-L-</i> <i>lisina</i> $\text{NH}_2(\text{CH}_2)_4\text{CH}(\text{NHOCOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{14}\text{H}_{20}\text{N}_2\text{O}_4$ $M=280,32$ g/mol	WG. 2925	10 g	43,75	37,20	35,—	32,6
39062	N-Benzyloxycarbonyl-L-phenylalanine BIOSYNTH® <i>N-Benzyloxycarbonyl-L-phénylalanine /</i> <i>N-Benciloxicarbonil-L-fenilalanina</i> $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{17}\text{H}_{17}\text{NO}_4$ $M=299,33$ g/mol assay (ex N) 99% melting range 86—88 °C specific rotation ($[\alpha]_D^{20}$; c=1 in $\text{C}_2\text{H}_5\text{OH}$) ... +6,0° ± 1°	WG. 2925	10 g	35,75	30,40	28,60	26,80
39251	N-Benzyloxycarbonyl-L-phenylalanine-2,4,5-trichlorophenyl ester BIOSYNTH® <i>N-Benzyloxycarbonyl-L-phénylalanine-2-4-5-</i> <i>trichlorophénylester / N-Benciloxicarbonil-L-fenilalanina-</i> <i>-2,4,5-triclorofenilester</i> $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOC}_6\text{H}_2\text{Cl}_3$ $\text{C}_{23}\text{H}_{18}\text{Cl}_3\text{NO}_4$ $M=478,76$ g/mol	WG. WG. 2925	5 g 100 g	41,50 402,—	35,30 341,70	33,20 321,60	31,15 301,50
39063	N-Benzyloxycarbonyl-L-serine BIOSYNTH® <i>N-Benzyloxycarbonyl-L-sérine / N-Benciloxicarbonil-L-</i> <i>serina</i> $\text{HOCH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{11}\text{H}_{13}\text{NO}_5$ $M=239,23$ g/mol assay (ex N) 99% melting range 113—115 °C specific rotation ($[\alpha]_D^{20}$; c=6 in CH_3COOH) +5,8° ± 0,5°	WG. 2925	5 g	23,—	19,55	18,40	17,25
39064	N-Benzyloxycarbonyl-L-threonine BIOSYNTH® <i>N-Benzyloxycarbonyl-L-thréonine / N-Benciloxicarbonil-L-</i> <i>treonina</i> $\text{CH}_3\text{CH}(\text{OH})\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{12}\text{H}_{15}\text{NO}_5$ $M=253,25$ g/mol assay (ex N) 99% melting range 97—99 °C specific rotation ($[\alpha]_D^{20}$; c=4 in CH_3COOH) -4,6° ± 0,5°	WG. 2925	10 g	54,—	45,90	43,20	40,50

39065	N^α-Benzyloxycarbonyl-L-tryptophan BIOSYNTH[®] <i>N^α-Benzyloxycarbonyl-L-tryptophane /</i> <i>N^α-Benciloxicarbonil-L-triptófano</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{CH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{19}\text{H}_{18}\text{N}_2\text{O}_4 \quad M = 338,36 \text{ g/mol}$ assay (ex N) 99% melting range 124–126 °C specific rotation ($[\alpha]_D^{20}$; c=4 in CH ₃ COOH) +5,6° ± 0,5°	WG. 2935	10 g	32,25	27,40	25,80	24,20
39066	N-Benzyloxycarbonyl-L-tyrosine BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-tyrosine / N-Benciloxicarbonil-L-tirosina</i> $\text{C}_{17}\text{H}_{17}\text{NO}_5 \quad M = 315,33 \text{ g/mol}$ assay (ex N) 99% melting range 95–97 °C specific rotation ($[\alpha]_D^{20}$; c=3 in CH ₃ COOH) +9,8° ± 1° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2925	5 g	118,—	100,30	94,40	88,50
39067	N-Benzyloxycarbonyl-L-valine BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-valine / N-Benciloxicarbonil-L-valina</i> $(\text{CH}_3)_2\text{CHCH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH}$ $\text{C}_{13}\text{H}_{17}\text{NO}_4 \quad M = 251,28 \text{ g/mol}$ assay (ex N) 99% melting range 59–60 °C	WG. 2925	10 g	31,75	27,—	25,40	23,80
39258	N-Benzyloxycarbonyl-L-valine dicyclohexylammonium salt BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-valine sel de dicyclohexylammonium / N-Benciloxicarbonil-L-valina sal diciclohexilamónica</i> $(\text{CH}_3)_2\text{CHCH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOH} \cdot \text{C}_{12}\text{H}_{23}\text{N}$ $\text{C}_{13}\text{H}_{17}\text{NO}_4 \cdot \text{C}_{12}\text{H}_{23}\text{N} \quad M = 432,60 \text{ g/mol}$	WG. 2925	5 g	31,25	26,55	25,—	23,45
39259	N-Benzyloxycarbonyl-L-valine-2,4,5-trichlorophenyl ester BIOSYNTH[®] <i>N-Benzyloxycarbonyl-L-valine-2-4-5-trichlorophénylester</i> <i>N-Benciloxicarbonil-L-valina-2,4,5-triclorofenilester</i> $(\text{CH}_3)_2\text{CHCH}(\text{NHCOOCH}_2\text{C}_6\text{H}_5)\text{COOC}_6\text{H}_2\text{Cl}_3$ $\text{C}_{19}\text{H}_{18}\text{Cl}_3\text{NO}_4 \quad M = 430,71 \text{ g/mol}$	WG. WG. 2925	5 g 50 g	59,— 333,—	50,15 283,05	47,20 266,40	44,25 249,75
4-Benzyloxyphenol see Hydroquinone monobenzyl ether							
64543 A 6.1/21 C 6.1 2811 2	2-Benzylphenol PROSYNTH[®] <i>2-Benzylphénol / 2-Bencilfenol</i> $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OH}$ $\text{C}_{13}\text{H}_{12}\text{O} \quad M = 184,24 \text{ g/mol}$ assay (GC) 97% melting range 50–52 °C	WG. 2906	10 g	19,25	16,35	15,40	14,45
64533 A 6.1/22 C 6.1 2811 2	4-Benzylphenol PROSYNTH[®] <i>4-Benzylphénol / 4-Bencilfenol</i> $\text{C}_6\text{H}_5\text{CH}_2\text{C}_6\text{H}_4\text{OH}$ $\text{C}_{13}\text{H}_{12}\text{O} \quad M = 184,24 \text{ g/mol}$ assay (GC) 95% melting range 78–82 °C	WG. 2906	10 g	18,50	15,75	14,80	13,90
39377	Benzyl L-phenylalaninate hydrochloride BIOSYNTH[®] <i>BenzyLe L-phénylalaninate chlorhydrate / Bencilo L-fenilalaninato clorhidrato</i> $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{NH}_2)\text{COOCH}_2\text{C}_6\text{H}_5 \cdot \text{HCl}$ $\text{C}_{16}\text{H}_{18}\text{ClNO}_2 \quad M = 291,78 \text{ g/mol}$	FL. 2923	1 g	15,50	13,20	12,40	11,65
63940	N-Benzylpiperazine dihydrochloride PROSYNTH[®] <i>N-Benzylpipérazine dichlorhydrate / N-Bencilpiperacina diclorhidrato</i> $\text{C}_6\text{H}_5\text{CH}_2\text{NCH}_2\text{CH}_2\text{NHCH}_2\text{CH}_2 \cdot 2\text{HCl}$ $\text{C}_{11}\text{H}_{18}\text{Cl}_2\text{N}_2 \quad M = 249,18 \text{ g/mol}$ assay (ex Cl) 95%	WG. 2935	10 g	43,75	37,20	35,—	32,80



64305	4-Benzylpiperidine PROSYNTH® <i>Benzyl4-pipéridine / 4-Bencilpiperidina</i> <chem>CH2CH2NHCH2CH2CHCH2C6H5</chem> $C_{12}H_{17}N$ $M = 175,27$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 97% boiling range $277-279^{\circ}\text{C}$ refractive index (n_D^{20}) 1,538	FL. 2935	25 ml	40,75	34,65	32,60	30,60
62138 A 3/4	1-Benzylpiperidinone-(4) PROSYNTH® <i>1-Benzylpipéridinone-(4) / 1-Bencilpiperidinona-(4)</i> <chem>C6H5CH2NCH2CH2COCH2CH2</chem> $C_{12}H_{15}NO$ $M = 189,26$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 97% boiling range (at 9 mbar) $132-134^{\circ}\text{C}$ refractive index (n_D^{20}) 1,539	FL. 2935	50 ml	43,75	37,20	35,—	32,60
62139 A 3/4 100°C	Benzyl propyl ketone PROSYNTH® <i>Benzylpropylcétone / Bencilpropilcetona</i> <chem>C6H5CH2COCH2CH2CH3</chem> $C_{11}H_{14}O$ $M = 162,23$ g/mol $1\text{ L} \approx 0,96$ kg assay (GC) 98%	FL. 2913	50 ml	40,25	34,20	32,20	30,60
64790 A 3/4 100°C	Benzyl-iso-propyl ketone PROSYNTH® <i>Benzyl-iso-propylcétone / Bencil-iso-propilcetona</i> <chem>C6H5CH2COCH(CH3)2</chem> $C_{11}H_{14}O$ $M = 162,23$ g/mol $1\text{ L} \approx 0,97$ kg assay (GC) 97% boiling range $235-237^{\circ}\text{C}$	FL. 2913	25 ml	35,50	30,20	28,40	26,60
62140	2-Benzylpyridine PROSYNTH® <i>2-Benzylpyridine / 2-Bencilpiridina</i> <chem>N=C(CH2C6H5)CH=CHCH=CH</chem> $C_{12}H_{11}N$ $M = 169,23$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 98% boiling range (at 15 mbar) $140-143^{\circ}\text{C}$ refractive index (n_D^{20}) 1,579	FL. 2935	100 ml	36,25	30,80	29,—	27,20
62141	4-Benzylpyridine PROSYNTH® <i>4-Benzylpyridine / 4-Bencilpiridina</i> <chem>N=CHCH=C(CH2C6H5)CH=CH</chem> $C_{12}H_{11}N$ $M = 169,23$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 98% boiling range $285-287^{\circ}\text{C}$ refractive index (n_D^{20}) 1,582	FL. 2935	100 ml	35,50	30,20	28,40	26,60
64530	4(6)-Benzyl-2-thiouracil PROSYNTH® <i>4(6)-Benzyle-2-thiouracile / 4(6)-Bencil-2-tiouracil</i> <chem>N=C(SH)N=C(OH)CH=CCH2C6H5</chem> $C_{11}H_{10}N_2OS$ $M = 218,28$ g/mol	WG. 2935	25 g	55,50	47,20	44,40	41,65
62142	S-Benzyl-iso-thiuronium chloride PROSYNTH® <i>S-Benzyl-iso-thiuronium chlorure / S-Bencil-iso-tiuronio cloruro</i> <chem>NH2C(SCH2C6H5)=NH \cdot HCl</chem> $C_8H_{11}ClN_2S$ $M = 202,71$ g/mol assay (ex Cl) 98% melting range $173-176^{\circ}\text{C}$	WG. 2931	100 g	18,75	15,95	15,—	14,05
64307	Benzyltriethylammonium chloride PROSYNTH® <i>Benzyltriéthylammonium chlorure / Benciltriethylamonio cloruro</i> <chem>C6H5CH2N(CH2CH3)3Cl</chem> $C_{13}H_{22}ClN$ $M = 227,78$ g/mol assay (ex Cl) 98% melting range $183-185^{\circ}\text{C}$ (disint.)	PF. 2924	250 g	26,25	22,30	21,—	19,70

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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
02882	N-Benzyl-N,N,N-trimethylammonium bromide <i>N-Benzyl-N-N-N-triméthylammonium bromure / N-Bencil-N,N,N-trimetilamonio bromuro</i> $[C_6H_5CH_2N^+(CH_3)_3]^+ Br^-$ $C_{10}H_{16}BrN$ $M = 230,15$ g/mol assay 98% melting range 224–226 °C	WG. 2924	100 g	135,50	115,20	108,40	101,65
64320	Benzyltrimethylammonium chloride PROSYNTH® <i>Benzyltriméthylammonium chlorure / Benciltrimetilamonio cloruro</i> $C_6H_5CH_2N(Cl)(CH_3)_3$ $C_{10}H_{16}ClN$ $M = 185,70$ g/mol assay (ex Cl) 98% melting range 234–236 °C (disint.)	WG. 2924	100 g	16,50	14,05	13,20	12,40
62144	Benzyltrimethylammonium hydroxide solution PROSYNTH® about 40% in methanol <i>Benzyltriméthylammonium hydroxyde en solution / Benciltrimetilamonio hidróxido en solución</i> $C_6H_5CH_2N(OH)(CH_3)_3$ $C_{10}H_{17}NO$ $M = 167,25$ g/mol $1\text{ L} \approx 0,93$ kg assay (acidimetric) 40% water 5%	FL. 2924	100 ml	14,75	12,55	11,80	11,05
64528	Benzyltrimethylammonium hydroxide solution PROSYNTH® 40% in water <i>Benzyltriméthylammonium hydroxyde en solution / Benciltrimetilamonio hidróxido en solución</i> $C_6H_5CH_2N(OH)(CH_3)_3$ $C_{10}H_{17}NO$ $M = 167,25$ g/mol $1\text{ L} \approx 1,07$ kg assay (acidimetric) 40%	FL. 2924	100 ml	30,75	26,15	24,60	23,05
64485	Benzyltriphenylphosphonium chloride PROSYNTH® <i>Benzyltriphénylphosphonium chlorure / Benciltrifenilfosfonio cloruro</i> $C_6H_5CH_2PCl(C_6H_5)_3$ $C_{25}H_{22}ClP$ $M = 388,88$ g/mol assay (ex Cl) 99%	WG. 2934	25 g	30,75	26,15	24,60	23,05
39300	O-Benzyl-L-tyrosine BIOSYNTH® <i>O-Benzyl-L-tyrosine / O-Bencil-L-tirosina</i> $C_6H_5OC_6H_4CH_2CH(NH_2)COOH$ $C_{16}H_{17}NO_3$ $M = 271,32$ g/mol	WG. 2923	5 g	75,—	63,75	60,—	56,25
10422	Beryllium powder <i>Béryllium / Berilio</i> Be $M = 9,01$ g/mol assay 98,5%	WG. 7704	10 g	82,—	69,70	65,60	61,50
38631	0,100 g Beryllium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Béryllium / 0,100 g Berilio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70

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					(1 Box)	(4 Boxes)	(16 Boxes)	(64 Boxes)
38554	1,00 g Beryllium FIXANAL [®] watersoluble standard for atom absorption		3819	1 pack	10,25	8,70	8,20	7,1
A 6.1/51								
C 6.1 1566 2	1,00 g Beryllium / 1,00 g Berilio							
		ampoule						
		R: 26/27-37-39 S: 26-28-45 disposal: 10						
14704	Beryllium chloride		WG.	10 g	18,—	15,30	14,40	13,5
A 6.1/51	Béryllium chlorure / Berilio cloruro		2830					
C 6.1 1566 2	BeCl ₂ M = 79,92 g/mol							
		R: 26/27-37-39 S: 26-28-45 disposal: 10						
14706	Beryllium fluoride		WG.	100 g	73,50	62,50	58,80	55,1
A 6.1/51	Béryllium fluorure / Berilio fluoruro		2829					
C 6.1 1566 2	BeF ₂ M = 47,01 g/mol							
		R: 26/27-37-39 S: 26-28-45 disposal: 10						
14707	Beryllium nitrate chem. pure cryst.		PF.	100 g	40,25	34,20	32,20	30,20
A 6.1/54	Béryllium nitrate / Berilio nitrato		PF.	1 kg	305,—	259,25	244,—	234,85
C 5.1 2464 2	Be(NO ₃) ₂ · 4H ₂ O M = 205,08 g/mol		2839					
	assay 99%							
	aluminium (Al) 0,02%							
	ammonium (NH ₄) 0,05%							
	arsenic (As) 0,0004%							
	iron (Fe) 0,001%							
	manganese (Mn) 0,001%							
	heavy metals (as Pb) 0,002%							
	substances not precipitated by ammonia solution (as sulphates) 0,3%							
	chloride (Cl) 0,002%							
	sulphate (SO ₄) 0,01%							
		R: 26/27-37-39 S: 26-28-45 disposal: 10						
14708	Beryllium oxide		WG.	25 g	43,25	36,75	34,60	32,45
A 6.1/51	Béryllium oxyde / Berilio óxido		2828					
C 6.1 1566 2	BeO M = 25,01 g/mol							
		R: 26/27-37-39 S: 26-28-45 disposal: 10						
	Best solution see Carmine solution ammoniacal							
56002	BIBUQ for scintillation [4,4'''-Bis-(2-butyloctyloxy)-p-quaterphenyl]		WG.	10 g	87,50	74,40	70,—	65,65
	C ₄₈ H ₆₆ O ₂ M = 675,05 g/mol		2935					
	Bicyclo[2.2.1]-hepta-2,5-diene see Norbornadiene-(2,5)							
63260	endo-cis-Bicyclo[2,2,1]-heptene-(5)-dicarboxylicanhydride-(2,3) PROSYNTH [®]		WG.	100 g	22,—	18,70	17,60	16,50
	Anhydride endo-cis-bicyclo[2-2-1]-heptène-(5)-dicarboxylique-(2-3) / Anhídrido endo-cis-biciclo[2,2,1]-hepteno-(5)-dicarboxílico-(2,3)		2915					
	C ₉ H ₈ O ₃ M = 164,16 g/mol							
	assay (titration) 98%							
	melting range 163—165 °C							
	Biformyl see Glyoxal solution							
	Biisopropyl see 2,3-Dimethylbutane							
33056	Bilirubin R.G.		FL.	1 g	311,—	264,35	248,80	233,25
	Bilirubine / Bilirubina		2935					
	C ₃₃ H ₃₆ N ₄ O ₆ M = 584,67 g/mol							
	assay (UV) 99%							
	log ε/451 (CHCl ₃) 4,75							
	loss on drying max. 0,1%							
	residue on ignition max. 0,1%							
	refer explanations							

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				(1 Box)	(4 Boxes)	(16 Boxes)	
35703 A 6.1/82C2 C 6.1 / 3	Binapacryl min. 99% PESTANAL® (2-sec-Butyl-4,6-dinitrophenyl-3-methyl-2-butenate) (NO ₂) ₂ C ₆ H ₂ [OC(O)CH = C(CH ₃) ₂]CH(CH ₃)C ₂ H ₅ C ₁₅ H ₁₈ N ₂ O ₆ M = 322,32 g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2914	1 g	28,25	24,—	22,60 21,20	
33069	Bindone R.G. <i>Bindone / Bindon</i> C ₁₈ H ₁₀ O ₃ M = 274,28 g/mol Biocides see respective article. Complete range see appendix PESTANAL® Biphenyl see Diphenyl	WG. 2913	10 g	55,50	47,20	44,40 41,65	
35800	Biphenyl min. 99% PESTANAL® <i>Biphényle / Bifenilo</i> C ₆ H ₅ C ₆ H ₅ C ₁₂ H ₁₀ M = 154,21 g/mol	FL. 2901	1 g	19,25	16,35	15,40 14,45	
62148	Biphenyl PROSYNTH® <i>Biphényle / Bifenilo</i> C ₆ H ₅ C ₆ H ₅ C ₁₂ H ₁₀ M = 154,21 g/mol assay (GC) 99% melting range 68—70 °C	PF. 2901	1 kg	19,75	16,80	15,80 15,20	
62149	2-Biphenylcarboxylic acid PROSYNTH® <i>Acide biphénylcarboxylique-(2) /</i> <i>Acido bifenilcarboxilico-(2)</i> C ₆ H ₅ C ₆ H ₄ COOH C ₁₃ H ₁₀ O ₂ M = 198,22 g/mol assay (alkalimetric) 98% melting range 110—112 °C	WG. WG. 2914	† 10 g 50 g	10,50 42,—	8,95 35,70	33,60 31,50	
62150	4-Biphenylcarboxylic acid PROSYNTH® <i>Acide biphénylcarboxylique-(4) /</i> <i>Acido bifenilcarboxilico-(4)</i> C ₆ H ₅ C ₆ H ₄ COOH C ₁₃ H ₁₀ O ₂ M = 198,22 g/mol assay (alkalimetric) 98% melting range 224—226 °C	WG. 2914	100 g	52,—	44,20	41,60 39,—	
65186 A 6.1/21 C 6.1 2811 2	4-Biphenylcarboxylic acid nitrile PROSYNTH® <i>Acide biphénylcarboxylique-4 nitrile / Acido</i> <i>bifenilcarboxilico-4 nitrilo</i> C ₆ H ₅ C ₆ H ₄ CN C ₁₃ H ₉ N M = 179,22 g/mol assay 99% melting range 85—86 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	153,—	130,05	122,40 114,75	
52151	2,2'-Biphenyldicarboxylic acid PROSYNTH® <i>Acide biphényldicarboxylique-(2-2') / Acido</i> <i>bifenildicarboxilico-(2,2')</i> HOOC C ₆ H ₄ C ₆ H ₄ COOH C ₁₄ H ₁₀ O ₄ M = 242,23 g/mol assay (alkalimetric) 98% melting range 227—230 °C Biphenylyl-(2)-amine see 2-Aminobiphenyl	PF. 2915	100 g	65,50	55,70	52,40 49,15	


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64309	2-(4)-Biphenyl-2-propanol PROSYNTH® <i>Biphényl-(4)-2-propanol-2 / 2-(4)-Bifenil-2-propanol</i> $C_6H_5C_6H_4C(CH_3)_2OH$ $C_{15}H_{16}O$ $M = 212,29$ g/mol assay (HPLC) 97% melting range 90–93 °C		WG. 2905	10 g	38,25	32,50	30,60	28
33155	2,2'-Bipyridine R. G. <i>2-2'-Bipyridine / 2,2'-Bipiridina</i> $NC_5H_4C_5H_4N$ $C_{10}H_8N_2$ $M = 156,19$ g/mol assay min. 99,5% melting range 70–72 °C insoluble in ethanol max. 0,01% sulphated ash max. 0,2% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005% suitability for determination of iron passes test		FL. WG. 2935	1 g 5 g	8,50 15,75	7,25 13,40	6,80 12,60	6 11
62152	4,4'-Bipyridine PROSYNTH® anhydrous <i>4-4'-Bipyridine / 4,4'-Bipiridina</i> $CH=CHN=CHCH=CC=CHCH=NCH=CH$ $C_{10}H_8N_2$ $M = 156,19$ g/mol assay 98% melting range 110–114 °C Bipyridyl see Bipyridine 2,2'-Biquinoline see Cuproin		WG. 2935	10 g	22,50	19,15	18,—	16,
64311 A 8/35 C 8 1719 2	1,3-Bis(aminomethyl)-benzene PROSYNTH® <i>Bis(aminométhyl)-1-3-benzène / 1,3-Bis(aminometil)benceno</i> $C_6H_4(CH_2NH_2)_2$ $C_8H_{12}N_2$ $M = 136,20$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 98% boiling range (at 19 mbar) 138–140 °C refractive index (n_D^{20}) 1,571		FL. 2922	50 ml	23,—	19,55	18,40	17,2
33217	Bisbenzimidazole H 33258 Fluorochrome for chromosome staining keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera		FL. 3205	1 g	43,75	37,20	35,—	32,80
33263	Bisbenzimidazole H 33342 Fluorochrome for chromosome staining <i>Bisbenzimidazole H 33342 / Bisbencimida H 33342</i> keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera		FL. 3205	1 g	52,50	44,65	42,—	39,40
64000	Bis-(benzoylcyclopentadienyl)-iron PROSYNTH® <i>Bis-(benzoylcyclopentadiényl)-fer / Bis-(benzoilciclopentadienil)-hierro</i> $(C_6H_5COC_5H_4)_2Fe$ $C_{24}H_{18}FeO_2$ $M = 394,25$ g/mol assay (HPLC) 98% melting range 102–103 °C α,α -Bisbenzylideneaminotoluene see Hydrobenzamide 1,2-Bisbromomethylbenzene see α,α' -Dibromo-o-xylene 2,7-Bis-[N,N-di-(carboxymethyl)-aminomethyl]-fluorescein see Calcein 3,3'-Bis-[N,N-di-(carboxymethyl)-aminomethyl]-thymolsulphonphthalein tetrasodium salt see Methyl thymol blue		WG. 2934	5 g	47,—	39,95	37,60	35,25

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64954	Bis-(2-chlorethyl)-ammonium chloride PROSYNTH® <i>Bis-(chloro-2-éthyl)amine chlorhydrate / Bis-(2-cloroetil)-amino cloruro</i> $(\text{ClCH}_2\text{CH}_2)_2\text{NH} \cdot \text{HCl}$ $\text{C}_4\text{H}_{10}\text{Cl}_3\text{N}$ $M = 178,49 \text{ g/mol}$ assay (ex Cl) 99% melting range 210–211 °C 1,2-Bis-(chloromethylbenzene) see α,α'-Dichloro-o-xylene 1,3-Bis-(chloromethylbenzene) see α,α'-Dichloro-m-xylene 1,4-Bis-(chloromethylbenzene) see α,α'-Dichloro-p-xylene	WG. 2924	100 g	60,—	51,—	48,—	45,—
64314	Bis(chloromethyl)ether PROSYNTH® <i>Ether bis(chlorométhylique) / Eter bis(clorometílico)</i> $(\text{ClCH}_2)_2\text{O}$ $\text{C}_2\text{H}_4\text{Cl}_2\text{O}$ $M = 114,96 \text{ g/mol}$ 1 L \approx 1,33 kg assay (GC) 97% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26-39 S: 24/25-45 disposal: 10	FL. 2908	250 ml	163,—	138,55	130,40	122,25
39616	Bis-(2-cyanoethyl)ether for gas chromatography <i>Ether bis(2-cyanoéthylrique) / Eter bis(2-cianetílico)</i> $\text{O}(\text{CH}_2\text{CH}_2\text{CN})_2$ $\text{C}_6\text{H}_8\text{N}_2\text{O}$ $M = 124,14 \text{ g/mol}$ 1 L \approx 1,05 kg working temperature to 75 °C Bis-cyclohexanone-oxalylidihydrazone see Oxalic acid-bis-(cyclohexylidene hydrazide)	FL. 2927	50 ml	131,—	111,35	104,80	98,25
33080	4,4'-Bis-(3,4-dihydroxybenzeneazo)-stilbene-2,2'-disulphonic acid diammonium salt R. G. <i>Acide 4-4'-bis-(3-4-dihydroxybenzolazo)stilbène-2,2'-disulfonique sel diammonium / Acido 4,4'-bis-(3,4-dihidroxibenzolazo)estilbeno-2,2'-disulfónico sal diamónica</i> $\text{C}_{26}\text{H}_{26}\text{N}_6\text{O}_{10}\text{S}_2$ $M = 646,66 \text{ g/mol}$	FL. 2935	1 g	24,75	21,05	19,80	18,55
63759	1,3-Bis-(dimethylamino)butane PROSYNTH® <i>1-3-Bis-(diméthylamino)butane / 1,3-Bis-(dimetilamino)butano</i> $(\text{CH}_3)_2\text{NCH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{N}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{20}\text{N}_2$ $M = 144,26 \text{ g/mol}$ 1 L \approx 0,80 kg assay (GC) 99% boiling range (at 16 mbar) 54–56 °C refractive index (n_D^{20}) 1,433  R: 10-36/37/38 S: 28 disposal: 19	FL. 2922	100 ml	25,75	21,90	20,60	19,30
39601	Bis-(2-ethoxyethyl) adipate for gas chromatography <i>Bis(-2-éthoxyéthyl) adipate / Bis(-2-etoxietil) adipato</i> $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{OCO}(\text{CH}_2)_4\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{CH}_3$ $\text{C}_{14}\text{H}_{26}\text{O}_6$ $M = 290,36 \text{ g/mol}$ working temperature to 150 °C	PF. 2915	25 g	56,—	47,60	44,80	42,—
60463	Bis-(2-ethylhexyl)-amine PROSYNTH® <i>Bis-(2-éthylhexyl)-amine / Bis(-2-etilhexil)-amina</i> $[\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2]_2\text{NH}$ $\text{C}_{16}\text{H}_{35}\text{N}$ $M = 241,46 \text{ g/mol}$ 1 L \approx 0,81 kg assay 98% boiling range (at 7 mbar) 133–135 °C refractive index (n_D^{20}) 1,443	FL. 2922	250 ml	28,—	23,80	22,40	21,—





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62993	Bis-(2-ethylhexyl)phthalate PROSYNTH® <i>Bis-(2-éthylhexyl)phtalate / Bis-(2-etilhexil)ftalato</i> <chem>C6H4(COOCH2CH(C2H5)(CH2)3CH3)2</chem> <chem>C24H38O4</chem> $M = 390,56$ g/mol 1 L \approx 0,98 kg assay (HPLC) 97% boiling range (at 2,7 mbar) 202—204 °C refractive index (n_D^{20}) 1,487	FL. 2915	1 L	18,75	15,95	15,—	14
39648	Bis-(2-ethylhexyl)sebacate for gas chromatography <i>Bis-(2-éthylhexyl)sébacate / Bis-(2-etilhexil)sebacato</i> <chem>C26H50O4</chem> $M = 426,68$ g/mol 1 L \approx 0,91 kg working temperature to 150 °C	FL. 2915	50 ml	28,—	23,80	22,40	21,
39303 A 6.1/21 C 6.1 2811 3	Bis-(4-fluoro-3-nitrophenyl)-sulphone BIOSYNTH® <i>Bis-(4-fluoro-3-nitrophényl)-sulfone / Bis-(4-fluoro-3-nitrofenil)-sulfón</i> <chem>(FC6H3NO2)2SO2</chem> <chem>C12H6F2N2O6S</chem> $M = 344,25$ g/mol assay (GC) 99% melting range 191—193 °C	WG. 2903	25 g	85,—	72,25	68,—	63,
61505	Bis-(4-fluorophenyl)-methanol PROSYNTH® <i>Bis-(4-fluorophényl)-méthanol / Bis-(4-fluorofenil)-metanol</i> <chem>(FC6H4)2CHOH</chem> <chem>C13H10F2O</chem> $M = 220,22$ g/mol assay (GC) 98% melting range 43—45 °C	WG. FTPD 2902	100 g 25 kg	165,— price on request	140,25	132,—	123,7
61160	Bis-(4-fluorophenyl)-sulphone PROSYNTH® <i>Bis-(fluoro-4-phényl)-sulfone / Bis-(4-fluorofenil)-sulfona</i> <chem>FC6H4SO2C6H4F</chem> <chem>C12H8F2O2S</chem> $M = 254,26$ g/mol assay (GC) 99%	WG. 2931	100 g	170,—	144,50	136,—	127,5
	Bis-(2-hydroxyethyl)-amine see Diethanolamine						
64497	N,N-Bis-(2-hydroxyethyl)-2-aminoethanesulphonic acid PROSYNTH® <i>Acide N-N-bis-(2-hydroxyéthyl)-2-aminoéthanesulfonique / Acido N,N-bis-(2-hidroxietil)-2-aminoetanosulfónico</i> <chem>(HOCH2CH2)2NCH2CH2SO3H</chem> <chem>C6H15NO5S</chem> $M = 213,25$ g/mol assay (alkalimetric) 99% melting range 152—154 °C	WG. 2936	10 g	13,25	11,25	10,60	9,95
	N,N-Bis-(2-hydroxyethyl)methylamine see N-Methyldiethanolamine						
64319	1,4-Bis-(hydroxymethyl)-cyclohexane mixture of cis- and trans-isomers PROSYNTH® <i>Bis-(hydroxyméthyl)-1-4-cyclohexane / 1,4-Bis-(hidroximetil) ciclohexano</i> <chem>HOCH2CHCH2CH2CH(CH2OH)CH2CH2</chem> <chem>C8H16O2</chem> $M = 144,21$ g/mol assay (GC) 98%	WG. 2905	250 g	29,—	24,65	23,20	21,75
	3,3-Bishydroxymethylpentane see 2,2-Diethylpropanediol-(1,3)						
	2,2-Bishydroxymethylpropanediol-(1,3) see Pentaerythritol						
	α,α-Bis-(4'-hydroxy-1'-naphthyl)-benzyl alcohol see Naphthol-1-benzein						
	Bis-(2-hydroxypropyl)amine see Di-iso-propanolamine						
56009	Bis-MSB for scintillation [1,4-Di-(2-methylstyryl)-benzene] <chem>C24H22</chem> $M = 310,44$ g/mol	WG. WG. WG. 2901	5 g 100 g 1 kg	22,25 287,— 2807,—	18,90 243,95 2385,95	17,80 229,60 2245,60	16,70 215,25 2161,40







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			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
10315	Bismuth chem. pure sticks <i>Bismuth / Bismuto</i> Bi $M = 208,98$ g/mol	PF. PF. 8104	50 g 500 g	10,25 68,—	8,70 57,80	8,20 54,40	7,70 52,35
10313	Bismuth chem. pure powder <i>Bismuth / Bismuto</i> Bi $M = 208,98$ g/mol	WG. PF. 8104	50 g 500 g	10,50 69,—	8,95 58,65	8,40 55,20	7,90 53,15
38619	0,100 g Bismuth FIXANAL® water-soluble standard for atom absorption ampoule <i>0,100 g Bismuth / 0,100 g Bismuto</i>	3819	1 pack	10,25	8,70	8,20	7,70
38580	1,00 g Bismuth FIXANAL® watersoluble standard for atom absorption ampoule <i>1,00 g Bismuth / 1,00 g Bismuto</i>	3819	1 pack	10,25	8,70	8,20	7,70
Bismuth ammonium citrate see Ammonium bismuth citrate			1 pack	10,25	8,70	8,20	7,70
10317	Bismuth carbonate basic chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franc, IX, U. S. P. XVIII, Reag. Ph. Eur. I <i>Bismuth carbonate basique / Bismuto carbonato básico</i>	PF. PF. FTP. 2842	100 g 1 kg 25 kg	15,75 93,50 price on request	13,40 79,50	12,60 74,80	11,80 72,—
Bismuth carbonate basic see Bismuth subcarbonate							
01260	Bismuth fluoride 95% BiF ₃ C 6.1 2811 3 <i>Bismuth fluorure / Bismuto fluoruro</i> BiF ₃ $M = 265,98$ g/mol	PF. 2829	5 kg	price on request			
10330	Bismuth gallate basic DAB 8, B. P. C. 1973, N. F. XI <i>Bismuth gallate basique / Bismuto galato básico</i> assay of Bi in dried substance 48—52%	PF. PF. 2916	1 kg 2,5 kg	75,50 182,—	64,20 151,05	60,40 141,95	58,15 136,50
Bismuth gallate basic see Bismuth subgallate							
33091	Bismuthiol I dipotassium salt R. G. <i>Bismuthiol I sel dipotassique / Bismutiol I sal dipotásica</i> <u>SC(SK) = NN = CSK</u> C ₂ K ₂ N ₂ S ₃ $M = 226,43$ g/mol	WG. 2935	10 g	12,50	10,65	10,—	9,40
33092	Bismuthiol II R. G. <i>Bismuthiol II / Bismutiol II</i> <u>SC(=S)N(C₆H₅)N = CSK</u> C ₈ H ₅ KN ₂ S ₃ $M = 264,44$ g/mol	WG. 2935	10 g	13,50	11,50	10,80	10,15
10324	Bismuth nitrate cryst. DAB 6 C 5.1 1477 2 <i>Bismuth nitrate / Bismuto nitrato</i> Bi(NO ₃) ₃ · 5H ₂ O $M = 485,07$ g/mol	PF. PF. 2839	250 g 1 kg	22,— 58,50	18,70 49,75	17,60 46,80	16,50 45,05
10334	Bismuth nitrate basic chem. pure DAB 8, B. P. C. 1963, N. F. XIV <i>Bismuth nitrate basique / Bismuto nitrato básico</i> assay (Bi) 72% arsenic (As) 0,0002% loss on drying (105 °C) 3% substances not precipitated by ammonia solution 0,5% chloride (Cl) 0,005% sulphate (SO ₄) 0,002%	PF. PF. PF. FTP. 2839	250 g 1 kg 5 kg 25 kg	26,— 82,50 395,— price on request	22,10 70,15 327,85	20,80 66,— 308,10	19,50 63,55 296,25
Bismuth nitrate basic see Bismuth subnitrate							
10305	Bismuth(III) oxide <i>Bismuth(III) oxyde / Bismuto(III) óxido</i> Bi ₂ O ₃ $M = 465,96$ g/mol assay 99,5% loss in ignition (1000 °C) 0,5% arsenic (As) 0,0001% iron (Fe) 0,005% copper (Cu) 0,001% nitrate (NO ₃) 0,02%	PF. PF. FTP. 2828	250 g 1 kg 25 kg	33,— 110,— price on request	28,05 93,50	26,40 88,—	24,75 84,70



Bismuth oxide nitrate see Bismuth subnitrate							
Bismuth oxide salicylate see Bismuth subsalicylate							
10328	Bismuth salicylate basic DAB 7, U. S. P. XVI, B. P. 1953 <i>Bismuth salicylate basique / Bismuto salicilato básico</i> assay of Bi in dried substance 58% loss on drying (105 °C) 0,3% arsenic (As) 0,0001% substances not precipitated by ammonia solution (as sulphates) 0,5% chloride (Cl) 0,01% sulphate (SO ₄) 0,02%	PF. 2918	1 kg	82,—	69,70	65,60	63,—
Bismuth salicylate basic see Bismuth subsalicylate							
31646	Bismuth subnitrate R. G.	PF.	50 g	13,25	11,25	10,60	9,9
C 5.1 1477 2	<i>Bismuth sous-nitrate / Bismuto subnitrato</i> assay of bismuth (Bi) min. 71,0% ammonium (NH ₄) max. 0,003% arsenic (As) max. 0,0005% lead (Pb) max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,002% copper (Cu) max. 0,002% silver (Ag) max. 0,001% zinc (Zn) max. 0,001% substances not precipitated by hydrogen sulphide max. 0,5% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,002%	PF. PF. PF. 2839	100 g 500 g	24,— 98,50	20,40 83,75	19,20 78,80	18,— 75,8
10318	Bismuth trichloride, cryst. <i>Bismuth trichlorure / Bismuto triclорuro</i> BiCl ₃ M = 315,34 g/mol assay 98% arsenic (As) 0,0005% lead (Pb) 0,02% iron (Fe) 0,01% copper (Cu) 0,01% nitrate (NO ₃) 0,03% sulphate (SO ₄) 0,05%	WG. WG. 2830	100 g 1 kg	33,— 295,—	28,05 250,75	26,40 236,—	24,75 227,15
39443	Bis-(p-nitrophenyl)-phosphate calcium salt BIOSYNTH® <i>Bis-(p-nitrophényle)-phosphate, sel de calcium / Bis-(p-nitrofenilo)-fosfato, sal de calcio</i> [(NO ₂ C ₆ H ₄ O) ₂ PO ₂] ₂ Ca · 2H ₂ O C ₂₄ H ₁₆ CaN ₄ O ₁₆ P ₂ · 2H ₂ O M = 754,47 g/mol	FL. 2919	1 g	17,—	14,45	13,60	12,75
Bis-[pentanedionato-(2,4)]-cobalt(II) see Cobalt(II) acetylacetonate							
Bis-[pentanedionato-(2,4)]-copper(II) see Copper(II) acetylacetonate							
Bis-[pentanedionato-(2,4)]-iron(II) see Iron(II) acetylacetonate							
Bis-[pentanedionato-(2,4)]-magnesium see Magnesium acetylacetonate							
Bis-[pentanedionato-(2,4)]-manganese(II) see Manganese(II) acetylacetonate							
Bis-[pentanedionato-(2,4)]-nickel(II) see Nickel(II) acetylacetonate							
Bis-[pentanedionato-(2,4)]-zinc(II) see Zinc(II) acetylacetonate							
61128	Bis-(perfluorohexyl)-disulphide PROSYNTH® <i>Bis-(perfluorohexyl)-disulfure / Bis-(perfluorohexil)-disulfuro</i> [CF ₃ (CF ₂) ₅ S] ₂ C ₁₂ F ₂₆ S ₂ M = 702,22 g/mol 1 L ≈ 1,84 kg assay (GC) 98% boiling range (at 13 mbar) 110—112 °C	FL. 2931	10 ml	52,50	44,65	42,—	39,40


Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM				
					1x	6x	24x	96x
					(1 Box)	(6 Boxes)	(24 Boxes)	(96 Boxes)
61114	2,2-Bis(4-tetrafluoroethoxyphenyl) propane PROSYNTH® 2-2-Bis(4-tétrafluoroéthoxyphényl) propane / 2,2-Bis(4-tetrafluoroetoxifenil) propano <chem>CH3C(C6H4OCF2CF2H)2CH3</chem> <chem>C19H18F8O2</chem> M = 428,32 g/mol 1 L ≈ 1,35 kg assay (HPLC) 98%		FL. 2908	25 ml	71,—	60,35	56,80	53,25
62153	Bis(tributyltin) oxide PROSYNTH® Bis(tributylétain) oxyde / Bis(tributilestaño) óxido <chem>(CH3CH2CH2CH2)3SnOSn(CH2CH2CH2CH3)3</chem> <chem>C24H54OSn2</chem> M = 596,07 g/mol 1 L ≈ 1,16 kg  R: 23/24/25 S: 2-13-44 disposal: 10		FL. 2934	100 ml	30,—	25,50	24,—	22,50
61420	Bis-(trifluoroacetamide) PROSYNTH® Bis-(trifluoracétamide) / Bis-(trifluoracetamida) <chem>(CF3CO)2NH</chem> <chem>C4HF6NO2</chem> M = 209,05 g/mol assay (ex N) 97% melting range 84–86 °C		FL. 2925	5 g	33,75	28,70	27,—	25,30
61091	3,5-Bis(trifluoromethyl)aniline PROSYNTH® 3-5-Bis(trifluorométhyl)aniline / 3,5-Bis(trifluorometil)anilina <chem>C6H3(NH2)(CF3)2</chem> <chem>C8H5F6N</chem> M = 229,12 g/mol 1 L ≈ 1,48 kg assay (GC) 98% boiling range (at 20 mbar) 83–85 °C refractive index (n _D ²⁰) 1,434		FL. 2922	100 ml	163,—	138,55	130,40	122,25
61090	1,3-Bis(trifluoromethyl)benzene PROSYNTH® 1-3-Bis(trifluorométhyl)benzène / 1,3-Bis(trifluormetil)benceno <chem>C6H4(CF3)2</chem> <chem>C8H4F6</chem> M = 214,11 g/mol 1 L ≈ 1,39 kg assay (GC) 99% boiling range 115–117 °C refractive index (n _D ²⁰) 1,381		FL. 2902	250 ml	59,50	50,60	47,60	44,65
61149	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonanoic acid potassium salt PROSYNTH® Acide 2-5-bis-(trifluorométhyl)-perfluoro-3-6-dioxanonanoïque sel potassique / Acido 2,5-bis-(trifluorometil)-perfluoro-3,6-dioxanonanóico sal potásica <chem>CF3CF2CF2OCF(CF3)CF2OCF(CF3)COOK</chem> <chem>C8F17KO4</chem> M = 534,17 g/mol assay 98% melting range 178–180 °C (disint.)		WG. 2916	10 g	22,—	18,70	17,60	16,50
61148	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonanoyl fluoride PROSYNTH® 2-5-Bis-(trifluorométhyl)-perfluoro-3-6-dioxanonanoyle fluorure / 2,5-Bis-(trifluorometil)-perfluoro-3,6-dioxanonanoilo fluoruro <chem>CF3CF2CF2OCF(CF3)CF2OCF(CF3)COF</chem> <chem>C8F18O3</chem> M = 498,07 g/mol 1 L ≈ 1,68 kg assay 98% boiling range 114–116 °C		FL. 2908	10 ml	37,75	32,10	30,20	28,30
62154	Bis-trimethylhexylphthalate see Dionyl phthalate Biuret PROSYNTH® Biuret / Biuret <chem>NH2CONHCONH2</chem> <chem>C2H5N3O2</chem> M = 103,08 g/mol assay (ex N) 95% melting range 188–190 °C (disint.) Blacher's solution see Potassium palmitate solution		WG. 2925	100 g	35,50	30,20	28,40	26,65





	Bleaching powder see Calcium hypochlorite								
	Blue gel see Silica gel with moisture indicator								
	Blue tetrazolium chloride see BTC								
	Blue vitriol see Copper(II) sulphate								
	Böhmer's solution see Hematoxylin solution								
18812	Bone ash powder <i>Cendre d'os / Hueso calcinado</i>	PF. S. 2604	1 kg 50 kg	13,— price on request	11,05	10,40	10,—		
	Borax see Sodium tetraborate								
32812 C 3.3 1142 2 +27°C	Borax carmin solution ethanolic according to Grenacher, for microscopy <i>Borax et carmin en solution / Carmin-bórax en solución</i> 1 L ≈ 0,94 kg	FL. 3819	250 ml	13,25	11,25	10,60	9,—		
31146	Boric acid R. G., buffer substance, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Acide borique / Acido bórico</i> H ₃ BO ₃ M = 61,83 g/mol assay min. 99,8% insoluble in water max. 0,005% insoluble in methanol max. 0,005% pH (4%, 20 °C) 3,6—4,0 with methanol-hydrochloric acid non-volatile matter max. 0,05% arsenic (As) max. 0,00005% calcium (Ca) max. 0,002% iron (Fe) max. 0,0001% magnesium (Mg) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0003% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,0005%	PF. PF. PF. FT. 2812	500 g 1 kg 2,5 kg 50 kg	10,50 17,— 36,— kg 7,50	8,95	8,40	8,—		
17815	Boric acid PURANAL® <i>Acide borique / Acido bórico</i> H ₃ BO ₃ M = 61,83 g/mol analytical data on request	PF. 2812	5 kg	price on request					
39305	Boric acid BIOSYNTH® <i>Acide borique / Acido bórico</i> H ₃ BO ₃ M = 61,83 g/mol	PF. PF. PF. 2812	250 g 1 kg 5 kg	10,50 25,75 98,50	8,95	8,40	7,90		
11606	Boric acid chem. pure cryst., Ph.Eur. I, B. P. 1973, Ph. Franç. IX <i>Acide borique / Acido bórico</i> H ₃ BO ₃ M = 61,83 g/mol assay 99,8% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,02%	PF. PF. S. 2812	1 kg 5 kg 50 kg	13,50 46,— price on request	11,50	10,80	10,40		
11607	Boric acid chem. pure powder, Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Acide borique / Acido bórico</i> H ₃ BO ₃ M = 61,83 g/mol assay 99,8% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,02%	PF. PF. S. 2812	1 kg 5 kg 25 kg	13,75 51,50 price on request	11,70	11,—	10,60		





11611	Boric acid pure powder <i>Acide borique / Acido bórico</i> H_3BO_3 $M = 61,83$ g/mol assay 99,5% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,01% Boric acid, fused/Boric anhydride see Boron trioxide	PF. S. 2812	5 kg 25 kg	44,75 price on request	37,15 34,90	33,55
64661 C 4.1 1312 3	(-)-Borneol PROSYNTH® <i>(-)-Bornéol / (-)-Borneol</i> $C_{10}H_{18}O$ $M = 154,25$ g/mol assay (GC) 99% melting range 206—208 °C	WG. 2905	100 g	105,—	89,25 84,—	78,75
11603	Boron amorphous, 95—97% <i>Bore / Boro</i> B $M = 10,81$ g/mol assay 96% loss on drying (105 °C, 2 h) 0,5% insoluble in nitric acid 0,5% iron (Fe) 0,2% magnesium (Mg) 1% silicium (Si) 0,2%	WG. WG. 2804	10 g 100 g	19,75 149,50	16,80 127,10	15,80 119,60 14,80 112,15
10420	Boron carbide <i>Bore carbure / Boro carburo</i> B_4C $M = 55,25$ g/mol	PF. 2856	100 g	39,25	33,35 31,40	29,45
11632	Boron nitride <i>Bore nitrure / Boro nitruro</i> BN $M = 24,82$ g/mol	PF. 2857	50 g	37,25	31,65 29,80	27,95
62156 A 8/12 C 8 1759 2	Boron tribromide PROSYNTH® <i>Bore tribromure / Boro tribromuro</i> BBr_3 $M = 250,52$ g/mol $1\text{ L} \approx 2,64$ kg assay (ex Br) 99% boiling range 89—91 °C <div>  <div> R: 14-26/28-35 S: 9-26-28-36-45 disposal: 2 </div> </div>	2814	1 pack	45,75	38,90 36,60	34,30
62157 A 2/11AT C 2 1741	Boron trichloride PROSYNTH® <i>Bore trichlorure / Boro tricloruro</i> BCl_3 $M = 117,17$ g/mol assay 99% boiling range 12—13 °C <div>  <div> R: 14-26/28-34 S: 9-26-28-36-45 disposal: 2 </div> </div>	2814	1 pack	87,50	74,40 70,—	65,65
61220 A 8/15C C 8 1742 2	Boron trifluoride-acetic acid-complex PROSYNTH® <i>Bore trifluorure-acide acétique-complexe / Boro trifluoruro-acido acético-complejo</i> $BF_3 \cdot 2CH_3COOH$ $C_4H_8BF_3O_4$ $M = 187,91$ g/mol $1\text{ L} \approx 1,35$ kg <div>  <div> R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27 </div> </div>	FL. 2945	500 ml	29,75	25,30 23,80	22,90
61467 A 3/4 C 8 2804 2 + 59 °C	Boron trifluoride-diethyl ether-complex PROSYNTH® <i>Bore trifluorure-éter diéthylique-complexe / Boro trifluoruro-éter dietílico-complejo</i> $(C_2H_5)_2O \cdot BF_3$ $C_4H_{10}BF_3O$ $M = 141,93$ g/mol $1\text{ L} \approx 1,13$ kg <div>  <div> R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27 </div> </div>	FL. 2945	250 ml	17,—	14,45 13,60	12,75



61416	Boron trifluoride-ethylamine-complex PROSYNTH® <i>Bore trifluorure-éthylamine-complexe / Boro trifluoruro-etilamina-complejo</i> $\text{BF}_3 \cdot \text{C}_2\text{H}_5\text{NH}_2$ $\text{C}_2\text{H}_7\text{BF}_3\text{N}$ $M = 112,89 \text{ g/mol}$  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27	WG. 2945	100 g	25,50	21,70	20,40	19
64315	Boron trifluoride-methyl ether-complex PROSYNTH® <i>Bore trifluorure-éther méthylique-complexe / Boro trifluoruro-éter metilico-complejo</i> $\text{CH}_3\text{OCH}_3 \cdot \text{BF}_3$ $\text{C}_2\text{H}_6\text{BF}_3\text{O}$ $M = 113,87 \text{ g/mol}$ 1 L \approx 1,25 kg assay of BF_3 60%  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27	FL. 2945	100 ml	14,50	12,35	11,60	10,1
61417	Boron trifluoride-piperidine-complex PROSYNTH® <i>Bore trifluorure-pipéridine-complexe / Boro trifluoruro-piperidina-complejo</i> $\text{CH}_2(\text{CH}_2)_4\text{NH} \cdot \text{BF}_3$ $\text{C}_5\text{H}_{11}\text{BF}_3\text{N}$ $M = 152,95 \text{ g/mol}$  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27	PF. 2945	250 g	71,50	60,80	57,20	53,6
61419	Boron trifluoride-iso-propylamine-complex PROSYNTH® <i>Bore trifluorure-iso-propylamine-complexe / Boro trifluoruro-iso-propilamina-complejo</i> $(\text{CH}_3)_2\text{CHNH} \cdot \text{BF}_3$ $\text{C}_3\text{H}_8\text{BF}_3\text{N}$ $M = 125,91 \text{ g/mol}$  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27	PF. 2945	250 g	36,25	30,80	29,—	27,2
61418	Boron trifluoride-triethanolamine-complex PROSYNTH® <i>Bore trifluorure-triéthanolamine-complexe / Boro trifluoruro-trietanolamina-complejo</i> $(\text{HOCH}_2\text{CH}_2)_3\text{N} \cdot \text{BF}_3$ $\text{C}_6\text{H}_{15}\text{BF}_3\text{NO}_3$ $M = 216,99 \text{ g/mol}$  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 27	PF. 2945	250 g	56,50	48,05	45,20	42,40
62158	Boron triiodide PROSYNTH® <i>Bore triiodure / Boro triyoduro</i> BI_3 $M = 391,52 \text{ g/mol}$ assay (ex I) 99% melting range 48—50 °C  R: 14-26/28-34 S: 9-26-28-36-45 disposal: 2	FL. 2814	10 g	65,—	55,25	52,—	48,75
31145	Boron trioxide anhydrous fine-granular for the silicate analysis <i>Bore trioxyde / Boro trióxido</i> B_2O_3 $M = 69,62 \text{ g/mol}$ with methanol-hydrochloric acid non-volatile matter max. 0,05 % calcium (Ca) max. 0,002 % iron (Fe) max. 0,0005 % potassium (K) max. 0,003 % magnesium (Mg) max. 0,0005 % sodium (Na) max. 0,003 % heavy metals (as Pb) max. 0,002 % chloride (Cl) max. 0,002 %	PF. PF. 2812	250 g 1 kg	23,50 75,50	20,— 64,20	18,80 60,40	17,65 58,15




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
11615	Boron trioxide granular <i>Bore trioxyde / Boro trióxido</i> B ₂ O ₃ M = 69,62 g/mol loss on ignition (800 °C) 2,5% iron (Fe) 0,05% copper (Cu) 0,005% Boroviczeny's solution see Dye solution according to Boroviczeny	PF. PF. 2812	500 g 5 kg	16,50 111,50	14,05 92,55	13,20 86,95	12,70 83,65
33059	Brij[®] 35 [®] trade mark of Atlas Chemicals Industries Ltd.	PF. 3402	500 g	22,50	19,15	18,—	17,35
32710	Brilliant cresyl blue for microscopy <i>Bleu de crésyl brillant / Azul de cresilo brillante</i>	WG. WG. 3205	25 g 100 g	20,25 54,—	17,20 45,90	16,20 43,20	15,20 40,50
32741	Brilliant green for microscopy (C.I. No. 420-40, S. No. 760) <i>Vert brillant / Verde brillante</i>	WG. 3205	100 g	20,—	17,—	16,—	15,—
33907	Brilliant yellow indicator (C. I. No. 24890, S. No. 724) <i>Jaune brillant / Amarillo brillante</i> (HOC ₆ H ₄ N = NC ₆ H ₃ SO ₃ NaCH =) ₂ C ₂₆ H ₁₈ N ₄ Na ₂ O ₈ S ₂ M = 624,56 g/mol	WG. 3205	25 g	17,—	14,45	13,60	12,75
64332 A 6.1/61 C 6.1 2810 2	Bromal PROSYNTH[®] <i>Bromal / Bromal</i> Br ₃ CCHO C ₂ HBr ₃ O M = 280,74 g/mol 1 L ≈ 2,67 kg assay (GC) 97% boiling range 172—174 °C refractive index (n _D ²⁰) 1,584 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2912	100 ml	108,50	92,25	86,80	81,40
38835	10,00 g Bromide FIXANAL[®] as Potassium bromide <i>10,00 g Bromure / 10,00 g Bromuro</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,05
30202 A 8/14 C 8 1744 1	Bromine R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Brome / Bromo</i> Br ₂ M = 159,81 g/mol 1 L ≈ 3,11 kg assay min. 99,5% non-volatile matter max. 0,005% arsenic (As) max. 0,0001% lead (Pb) max. 0,00005% cadmium (Cd) max. 0,00005% iron (Fe) max. 0,0001% copper (Cu) max. 0,00005% nickel (Ni) max. 0,00005% zinc (Zn) max. 0,00005% chlorine (Cl) max. 0,05% iodine (I) max. 0,001% sulphate (SO ₄) max. 0,001% organic bromine compounds passes test  R: 26-35 S: 7/9-26 disposal: 16	FL. FL. FL. 2801	100 ml 250 ml 1 L	13,75 31,25 105,—	11,70 26,55 89,25	11,— 25,— 84,—	10,30 23,45 80,85
02001 A 8/14 C 8 1744 1	Bromine DAB 6 <i>Brome / Bromo</i> Br ₂ M = 159,81 g/mol 1 L ≈ 3,11 kg assay 99% non-volatile matter 0,02% chlorine (Cl) 0,05% iodine (I) 0,002%  R: 26-35 S: 7/9-26 disposal: 16	FL. FL. FL. FL. 2801	100 ml 250 ml 500 ml 1 L	11,50 23,25 42,75 79,50	9,80 19,75 36,35 67,60	9,20 18,60 34,20 63,60	8,65 17,45 32,90 61,20
38040	0,05 mol Bromine FIXANAL[®] 2,784 g KBrO ₃ + 27,8 g KBr for 1 L 0,1 N solution <i>0,05 mol Brome / 0,05 mol Bromo</i> ampoule Bromoacetal see Bromoacetaldehyde diethyl acetal PURANAL[®] high purity chemicals	3819	1 pack	8,75	7,45	7,—	6,55

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	
			(1 Box)	(4 Boxes)	(4 Boxes)	
62160	Bromoacetaldehyde diethyl acetal PROSYNTH®	FL.	100 ml	17,—	14,45	13,60
A 3/4	<i>Bromoacétaldéhyde diéthylacétal / Bromoacetaldehído dietilacetal</i>	FL.	1 L	126,50	107,55	101,20
+65 °C		2910				
	BrCH ₂ CH(OC ₂ H ₅) ₂					
	C ₆ H ₁₃ BrO ₂ M = 197,07 g/mol					1 L ≈ 1,28 kg
	assay (GC)					97%
	boiling range (at 20 mbar)					62–64 °C
	refractive index (n _D ²⁰)					1,438
02874	Bromoacetaldehyde diethyl acetal	STP.	30 kg	price on request		
A 3/4	<i>Bromoacétaldéhyde diéthylacétal / Bromoacetaldehído dietilacetal</i>	F.	200 kg	price on request		
+65 °C		2910				
	BrCH ₂ CH(OC ₂ H ₅) ₂					
	C ₆ H ₁₃ BrO ₂ M = 197,07 g/mol					1 L ≈ 1,28 kg
	assay (GC)					97%
	boiling range (at 20 mbar)					62–64 °C
	refractive index (n _D ²⁰)					1,438
64329	Bromoacetaldehyde dimethyl acetal PROSYNTH®	FL.	50 ml	32,—	27,20	25,60
A 3/3	<i>Bromoacétaldéhyde diméthylacétal / Bromoacetaldehído dimetilacetal</i>	FL.	250 ml	132,50	112,65	106,—
C 3.3 1993 2		2910				9
+51 °C						
	BrCH ₂ CH(OCH ₃) ₂					
	C ₄ H ₉ BrO ₂ M = 169,02 g/mol					1 L ≈ 1,46 kg
	assay (GC)					97%
	boiling range (at 15 mbar)					45–47 °C
	refractive index (n _D ²⁰)					1,448
	R: 10 disposal: 14					
62161	N-Bromoacetamide PROSYNTH®	WG.	† 50 g	14,—	11,90	
A 6.1/83	<i>N-Bromoacétamide / N-Bromoacetamida</i>	WG.	250 g	54,—	45,90	43,20
C 6.1 2811 3	CH ₃ CONHBr	FTP.	50 kg	price on request		
	C ₂ H ₄ BrNO M = 137,96 g/mol	2925				
	assay (ex Br)					98%
	melting range					105–108 °C
	keep in refrigerator					
	à stocker dans le frigidaire					
	almacenaje en la nevera					
62162	4-Bromoacetanilide PROSYNTH®	WG.	100 g	28,—	23,80	22,40
	<i>4-Bromoacétanilide / 4-Bromoacetanilida</i>	2925				21
	CH ₃ CONHC ₆ H ₄ Br					
	C ₈ H ₈ BrNO M = 214,06 g/mol					
	assay (ex Br)					98%
	melting range					166–168 °C
27202	Bromoacetic acid	PF.	1 L	94,—	79,90	75,20
A 8/21A1	<i>Acide bromoacétique / Acido bromoacético</i>	STP.	55 kg	price on request		
C 8 1938 2	CH ₂ BrCOOH	2914				
	C ₂ H ₃ BrO ₂ M = 138,95 g/mol					1 L ≈ 1,93 kg
	congealing point					43° C
						
	R: 23/24/25-35 S: 36/37/39-44					
	disposal: 21					
	Bromoacetic acid bromide see Bromoacetyl bromide					
60415	α-Bromoacetophenone PROSYNTH®	WG.	100 g	41,25	35,05	33,—
A 6.1/23C	<i>α-Bromoacétophénone / α-Bromoacetofenona</i>	2913				30,9
C 6.1 1893 2	C ₈ H ₅ COCH ₂ Br					
	C ₈ H ₇ BrO M = 199,05 g/mol					
	assay (HPLC)					98%
	melting range					49–51 °C
65142	3-Bromoacetophenone PROSYNTH®	FL.	100 ml	160,—	136,—	128,—
A 6.1/23C	<i>Bromo-3-acétophénone / 3-Bromoacetofenona</i>	2913				120,—
C 6.1 2810 2	BrC ₆ H ₄ COCH ₃					
	C ₈ H ₇ BrO M = 199,05 g/mol					
	assay (GC)					98%
	boiling range (at 0,3 mbar)					79–81 °C
	refractive index (n _D ²⁰)					1,578





Je-Number D/ADR GVE/GGVS MDG-CODE (GGV8ee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2163	4-Bromoacetophenone PROSYNTH® <i>4-Bromoacétophénone / 4-Bromoacetofenona</i> <chem>BrC6H4COCH3</chem> <chem>C6H7BrO</chem> $M = 199,06$ g/mol assay (GC) 98% melting range 49–51 °C	FL. FTP. 2913	100 ml 40 kg	40,— price on request	34,—	32,—	30,—
	4-Bromo-1-acetylbenzene see 4-Bromoacetophenone						
2165	Bromoacetyl bromide PROSYNTH® <i>Bromoacétyle bromure / Bromoacetilo bromuro</i> <chem>BrCH2COBr</chem> <chem>C2H2Br2O</chem> $M = 201,85$ g/mol 1 L ≈ 2,32 kg assay 99% boiling range 149–150 °C  R: 34 S: 26 disposal: 21	FL. 2914	1 L	136,—	115,60	108,80	104,70
2877	Bromoacetyl bromide <i>Bromoacétyle bromure / Bromoacetilo bromuro</i> <chem>BrCH2COBr</chem> <chem>C2H2Br2O</chem> $M = 201,85$ g/mol 1 L ≈ 2,32 kg assay 99% boiling range 149–150 °C  R: 34 S: 26 disposal: 21	STP. 2914	50 kg	price on request			
4666	Bromoacetyl chloride PROSYNTH® <i>Bromoacétyle chlorure / Bromoacetilo cloruro</i> <chem>BrCH2COCl</chem> <chem>C2H2BrClO</chem> $M = 157,39$ g/mol 1 L ≈ 1,91 kg assay 95% boiling range 125–129 °C density (D_4^{20}) 1,875–1,920 refractive index (n_D^{20}) 1,4920–1,4980  R: 34 S: 26 disposal: 21	FL. 2914	1 L	130,—	110,50	104,—	100,10
2868	Bromoacetyl chloride <i>Bromoacétyle chlorure / Bromoacetilo cloruro</i> <chem>BrCH2COCl</chem> <chem>C2H2BrClO</chem> $M = 157,39$ g/mol 1 L ≈ 1,91 kg assay 95% boiling range 125–129 °C density (D_4^{20}) 1,875–1,920 refractive index (n_D^{20}) 1,4920–1,4980	F. 2914	200 kg	price on request			
2166	1-Bromoadamantane PROSYNTH® <i>1-Bromoadamantane / 1-Bromoadamantano</i> <chem>C10H15Br</chem> $M = 215,13$ g/mol assay (GC) 98% melting range 118–119 °C	WG. 2902	25 g	36,—	30,60	28,80	27,—
	2-Bromo-1-aminoethane hydrobromide see 2-Bromoethylammonium bromide						
2169	2-Bromoaniline PROSYNTH® <i>2-Bromoaniline / 2-Bromoanilina</i> <chem>BrC6H4NH2</chem> <chem>C6H6BrN</chem> $M = 172,02$ g/mol assay (GC) 99% melting range 28–31 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	100 ml	110,—	93,50	88,—	82,50

62170	3-Bromoaniline PROSYNTH® <i>3-Bromoaniline / 3-Bromoanilina</i> <chem>BrC6H4NH2</chem> <chem>C6H6BrN</chem> $M = 172,02 \text{ g/mol}$ $1 \text{ L} \approx 1,58 \text{ kg}$ assay (GC) 98% boiling range 249–251 °C refractive index (n_D^{20}) 1,626  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	100 ml	150,—	127,50	120,—	112
33058	4-Bromoaniline R. G. <i>4-Bromaniline / 4-Bromoanilina</i> <chem>BrC6H4NH2</chem> <chem>C6H6BrN</chem> $M = 172,02 \text{ g/mol}$ assay min. 99% melting range 62–64 °C water (according to Karl Fischer) max. 0,1% iron (Fe) max. 0,001%  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	25 g	34,—	28,90	27,20	25,1
35834	4-Bromoaniline min. 99% PESTANAL® <i>4-Bromoaniline / 4-Bromoanilina</i> <chem>H2NC6H4Br</chem> <chem>C6H6BrN</chem> $M = 172,02 \text{ g/mol}$  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	5 g	21,50	18,30	17,20	16,1
65189	4-Bromoaniline PROSYNTH® <i>4-Bromoaniline / 4-Bromoanilina</i> <chem>BrC6H4NH2</chem> <chem>C6H6BrN</chem> $M = 172,02 \text{ g/mol}$ assay (GC) 98% melting range 61–64 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	100 g	52,50	44,65	42,—	39,40
62171	2-Bromoanisole PROSYNTH® <i>2-Bromoanisole / 2-Bromoanisol</i> <chem>BrC6H4OCH3</chem> <chem>C7H7BrO</chem> $M = 187,04 \text{ g/mol}$ $1 \text{ L} \approx 1,51 \text{ kg}$ assay (GC) 99% boiling range 220–223 °C refractive index (n_D^{20}) 1,573	FL. 2908	100 ml	133,—	113,05	106,40	99,75
62172	3-Bromoanisole PROSYNTH® <i>3-Bromoanisole / 3-Bromoanisol</i> <chem>BrC6H4OCH3</chem> <chem>C7H7BrO</chem> $M = 187,04 \text{ g/mol}$ $1 \text{ L} \approx 1,48 \text{ kg}$ assay (GC) 98% boiling range 211–213 °C refractive index (n_D^{20}) 1,563	FL. 2908	100 ml	140,—	119,—	112,—	105,—
60381	4-Bromoanisole PROSYNTH® <i>4-Bromoanisol / 4-Bromoanisol</i> <chem>BrC6H4OCH3</chem> <chem>C7H7BrO</chem> $M = 187,04 \text{ g/mol}$ $1 \text{ L} \approx 1,50 \text{ kg}$ assay (GC) 98% boiling range 220–223 °C refractive index (n_D^{20}) 1,564	FL. 2908	100 ml	23,—	19,55	18,40	17,25
63261	9-Bromoanthracene PROSYNTH® <i>9-Bromoanthracene / 9-Bromoantraceno</i> <chem>C14H9Br</chem> $M = 257,13 \text{ g/mol}$ assay (HPLC) 95% melting range 96–98 °C	WG. 2902	10 g	28,50	24,25	22,80	21,40






Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
62173	2-Bromobenzaldehyde PROSYNTH® <i>2-Bromobenzaldéhyde / 2-Bromobenzaldehydo</i> BrC ₆ H ₄ CHO C ₇ H ₅ BrO <i>M</i> = 185,02 g/mol 1 L ≈ 1,60 kg assay (GC) 97% boiling range 228–230 °C refractive index (n _D ²⁰) 1,596	FL. 2912	50 ml	130,—	110,50	104,—	97,50
62174	3-Bromobenzaldehyde PROSYNTH® <i>3-Bromobenzaldéhyde / 3-Bromobenzaldehydo</i> BrC ₆ H ₄ CHO C ₇ H ₅ BrO <i>M</i> = 185,02 g/mol 1 L ≈ 1,57 kg • assay (GC) 98% boiling range 233–236 °C refractive index (n _D ²⁰) 1,593	FL. 2912	50 ml	36,—	30,60	28,80	27,—
62175	4-Bromobenzaldehyde PROSYNTH® <i>4-Bromobenzaldéhyde / 4-Bromobenzaldehydo</i> BrC ₆ H ₄ CHO C ₇ H ₅ BrO <i>M</i> = 185,02 g/mol assay (GC) 98% melting range 55–57 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2912	10 g	35,—	29,75	28,—	26,25
60068	Bromobenzene PROSYNTH® <i>Bromobenzène / Bromobenceno</i> C ₆ H ₅ Br <i>M</i> = 157,01 g/mol 1 L ≈ 1,49 kg assay (GC) 99% boiling range 153–155 °C refractive index (n _D ²⁰) 1,559  R: 10-38 disposal: 7	FL. FL. 2902	500 ml 2,5 L	37,25 148,50	31,65 123,25	29,80 115,85	28,70 111,40
09039	Bromobenzene-d₅ deuteration degree not less than 99 atom % D <i>Bromobenzène-d₅ / Bromoceno-d₅</i> C ₆ D ₅ Br <i>M</i> = 161,97 g/mol 1 L ≈ 1,55 kg  R: 10-38 disposal: 7	A. 2851	10 ml	186,—	158,10	148,80	139,50
64675	4-Bromobenzhydrol PROSYNTH® <i>4-Bromobenzhydrol / 4-Bromobenzhidrol</i> BrC ₆ H ₄ CH(OH)C ₆ H ₅ C ₁₃ H ₁₁ BrO <i>M</i> = 263,13 g/mol assay (GC) 95% melting range 60–63 °C	WG. 2905	50 g	28,75	24,45	23,—	21,55
62176	2-Bromobenzoic acid PROSYNTH® <i>Acide 2-bromobenzoïque / Acido 2-bromobenzóico</i> BrC ₆ H ₄ COOH C ₇ H ₅ BrO ₂ <i>M</i> = 201,02 g/mol assay (alkalimetric) 98% melting range 147–150 °C	PF. 2914	25 g	15,50	13,20	12,40	11,65
62177	3-Bromobenzoic acid PROSYNTH® <i>Acide 3-bromobenzoïque / Acido 3-bromobenzóico</i> BrC ₆ H ₄ COOH C ₇ H ₅ BrO ₂ <i>M</i> = 201,02 g/mol assay (alkalimetric) 99% melting range 154–156 °C	WG. WG. 2914	† 10 g 100 g	18,— 125,—	15,30 106,25	100,—	93,75
62178	4-Bromobenzoic acid PROSYNTH® <i>Acide 4-bromobenzoïque / Acido 4-bromobenzóico</i> BrC ₆ H ₄ COOH C ₇ H ₅ BrO ₂ <i>M</i> = 201,02 g/mol assay (alkalimetric) 98% melting range 252–255 °C 4-Bromobenzoic acid chloride see 4-Bromobenzoyl chloride	WG. 2914	25 g	40,—	34,—	32,—	30,—


	3-Bromobenzoic acid nitrile see 3-Bromobenzonitrile								
	4-Bromobenzoic acid nitrile see 4-Bromobenzonitrile								
62179	3-Bromobenzonitrile PROSYNTH®	WG.	10 g	70,—	59,50	56,—	52		
A 8.1/21A	<i>3-Bromobenzonitrile / 3-Bromobenzonitrilo</i>	2927							
C 8.1 2811 1	BrC ₆ H ₄ CN C ₇ H ₄ BrN M = 182,02 g/mol assay (GC) 97% melting range 36—38 °C								
62180	4-Bromobenzonitrile PROSYNTH®	WG.	10 g	36,75	31,25	29,40	27,		
A 6.1 21A	<i>4-Bromobenzonitrile / 4-Bromobenzonitrilo</i>	2927							
C 6.1 2811 1	BrC ₆ H ₄ CN C ₇ H ₄ BrN M = 182,02 g/mol assay (GC) 97% melting range 111—113 °C								
61221	2-Bromobenzotrifluoride PROSYNTH®	FL.	50 ml	95,50	81,20	76,40	71,		
A 3/4	<i>2-Bromobenzotrifluorure / 2-Bromobenzotrifluoruro</i>	2902							
C 8 1760 2	BrC ₆ H ₄ CF ₃ C ₇ H ₄ BrF ₃ M = 225,01 g/mol 1 L ≈ 1,66 kg assay (GC) 98% boiling range 166—168 °C refractive index (n _D ²⁰) 1,482								
61078	3-Bromobenzotrifluoride PROSYNTH®	FL.	100 ml	107,50	91,40	86,—	80,6		
A 3/4	<i>3-Bromobenzotrifluorure / 3-Bromobenzotrifluoruro</i>	2902							
C 8 1760 2	BrC ₆ H ₄ CF ₃ C ₇ H ₄ BrF ₃ M = 225,01 g/mol 1 L ≈ 1,63 kg assay (GC) 95% boiling range 154—156 °C refractive index (n _D ²⁰) 1,473								
61295	4-Bromobenzotrifluoride PROSYNTH®	FL.	5 ml	50,50	42,95	40,40	37,9		
A 8/22	<i>4-Bromobenzotrifluorure / 4-Bromobenzotrifluoruro</i>	2902							
C 8 1760 2	BrC ₆ H ₄ CF ₃ C ₇ H ₄ BrF ₃ M = 225,01 g/mol 1 L ≈ 1,63 kg assay (GC) 98% boiling range 153—155 °C								
65190	2-Bromobenzoyl chloride PROSYNTH®	FL.	100 ml	436,—	370,60	348,80	327,—		
A 8/22	<i>2-Bromobenzoyl chloride / 2-Bromobenzoilo cloruro</i>	2914							
C 8 1760 2	BrC ₆ H ₄ COCl C ₇ H ₄ BrClO M = 219,47 g/mol 1 L ≈ 1,67 kg assay (GC) 99% boiling range (at 17 mbar) 122—124 °C refractive index (n _D ²⁰) 1,595								
	 R: 34 S: 26 disposal: 21								
64599	3-Bromobenzoyl chloride PROSYNTH®	FL.	5 ml	36,75	31,25	29,40	27,55		
A 8/22	<i>3-Bromobenzoyl chloride / 3-Bromobenzoilo cloruro</i>	2914							
C 8 1760 2	BrC ₆ H ₄ COCl C ₇ H ₄ BrClO M = 219,47 g/mol 1 L ≈ 1,67 kg assay 98% boiling range (at 24 mbar) 130—132 °C refractive index 1,595								
	 R: 34 S: 26 disposal: 21								
62181	4-Bromobenzoyl chloride PROSYNTH®	FL.	25 ml	54,50	46,35	43,60	40,90		
A 8/22	<i>4-Bromobenzoyl chloride / 4-Bromobenzoilo cloruro</i>	2914							
C 8 1759 2	BrC ₆ H ₄ COCl C ₇ H ₄ BrClO M = 219,47 g/mol 1 L ≈ 1,53 kg assay 98% melting range 37—40 °C								
	 R: 34 S: 26 disposal: 21								





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
64788	2-Bromobenzyl alcohol PROSYNTH® <i>Alcool 2-bromobenzyle / Alcohol 2-bromobencilico</i> BrC ₆ H ₄ CH ₂ OH C ₇ H ₇ BrO M = 187,04 g/mol assay (GC) 98% melting range 78–80°	WG. 2905	5 g	31,75	27,—	25,40	23,80
64797	2-Bromobenzyl bromide PROSYNTH® <i>2-Bromobenzyle bromure / 2-Bromobencilo bromuro</i> BrC ₆ H ₄ CH ₂ Br C ₇ H ₆ Br ₂ M = 249,94 g/mol assay (GC) 99% melting range 30–32 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. WG. 2902	† 10 g 100 g	19,— 135,—	16,15 114,75	108,—	101,25
62393 A 6.1/61K C 6.1 1693 3	3-Bromobenzyl bromide PROSYNTH® <i>3-Bromobenzyle bromure / 3-Bromobencilo bromuro</i> BrC ₆ H ₄ CH ₂ Br C ₇ H ₆ Br ₂ M = 249,93 g/mol assay (GC) 97% melting range 39–41 °C	WG. 2902	25 g	69,—	58,65	55,20	51,75
62182 A 6.1/62A C 8 1759 2	4-Bromobenzyl bromide PROSYNTH® <i>4-Bromobenzyle bromure / 4-Bromobencilo bromuro</i> BrC ₆ H ₄ CH ₂ Br C ₇ H ₆ Br ₂ M = 249,93 g/mol assay (GC) 99% melting range 60–62 °C	WG. WG. 2902	† 25 g 100 g	24,— 75,—	20,40 63,75	60,—	56,25
64284	4-Bromobiphenyl PROSYNTH® <i>4-Bromobiphényle / 4-Bromobifenilo</i> BrC ₆ H ₄ C ₆ H ₅ C ₁₂ H ₉ Br M = 233,11 g/mol type analysis assay (GC) 90% melting range 85–87 °C	WG. 2902	50 g	40,—	34,—	32,—	30,—
	4-Bromo-1-bromoacetylbenzene see ω,4-Dibromoacetophenone						
02809 A 3/3 C 3.3 1126 2 –24 °C	1-Bromobutane <i>1-Bromobutane / 1-Bromobutano</i> CH ₃ (CH ₂) ₃ Br C ₄ H ₉ Br M = 137,02 g/mol assay (GC) 99% density (D ₄ ²⁰) 1,275–1,276	FL. FL. EKL. F. 2902	500 ml 1 L 35 kg 200 kg	27,— 49,— price on request price on request	22,95 41,65	21,60 39,20	20,80 37,75
	R: 10 disposal: 7						
60070 A 3/3 C 3.2 2339 2 –21 °C	2-Bromobutane PROSYNTH® <i>2-Bromobutane / 2-Bromobutano</i> CH ₃ CH ₂ CHBrCH ₃ C ₄ H ₉ Br M = 137,02 g/mol assay (GC) 99% boiling range 90–92 °C refractive index (n _D ²⁰) 1,436	FL. EKL. F. 2902	500 ml 35 kg 200 kg	40,50 price on request price on request	34,45	32,40	31,20
	R: 10 disposal: 7						
	2-Bromobutanoic acid see 2-Bromobutyric acid						




63975	1-Bromobutene-(2) PROSYNTH® <i>1-Bromobutène-(2) / 1-Bromobuteno-(2)</i> CH ₃ CH=CHCH ₂ Br C ₄ H ₇ Br M = 135,00 g/mol 1 L ≈ 1,34 kg assay (GC) 85% assay of 2-bromobutene-(3) 15% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 7	FL. 2902	100 ml	68,—	57,80	54,40	5
64753	α-Bromo-iso-butyric acid PROSYNTH® <i>Acide α-bromo-iso-butyrique / Acido α-bromo-iso-butirico</i> (CH ₃) ₂ CBrCOOH C ₄ H ₇ BrO ₂ M = 167,00 g/mol assay (alkalimetric) 98% melting range 45—47 °C  R: 20/21/22 S: 28 disposal: 21	WG. STP. 2914	100 g 50 kg	43,75 price on request	37,20	35,—	32
62183	2-Bromobutyric acid PROSYNTH® <i>Acide 2-bromobutyrique / Acido 2-bromobutirico</i> CH ₃ CH ₂ CHBrCOOH C ₄ H ₇ BrO ₂ M = 167,00 g/mol 1 L ≈ 1,57 kg assay (alkalimetric) 98% boiling range (at 13 mbar) 100—102 °C refractive index (n _D ²⁰) 1,472	FL. 2914	100 ml	13,75	11,70	11,—	10,
62185	2-Bromo-γ-butyrolactone PROSYNTH® <i>2-Bromo-γ-butyrolactone / 2-Bromo-γ-butirolactona</i> CH ₂ CH ₂ CHBrCOO C ₄ H ₅ BrO ₂ M = 164,99 g/mol 1 L ≈ 1,77 kg assay (GC) 97% boiling range (at 13 mbar) 127—130 °C refractive index (n _D ²⁰) 1,509	FL. 2935	100 ml	130,—	110,50	104,—	97,5
64337	4-Bromobutyronitrile PROSYNTH® stabilized with sodium carbonate <i>4-Bromobutyronitrile / 4-Bromobutironitrilo</i> NC(CH ₂) ₃ Br C ₄ H ₆ BrN M = 148,00 g/mol 1 L ≈ 1,49 kg assay (GC) 97% boiling range 204—206 °C refractive index (n _D ²⁰) 1,478	FL. 2927	25 ml	117,—	99,45	93,60	87,7
64336	2-Bromobutyryl bromide PROSYNTH® <i>2-Bromobutyryle bromure / 2-Bromobutirilo bromuro</i> CH ₃ CH ₂ CHBrCOBr C ₄ H ₆ Br ₂ O M = 229,90 g/mol 1 L ≈ 1,70 kg assay 95% boiling range 171—174 °C  R: 36/37/38 S: 26 disposal: 21	FL. STP. 2914	250 ml 50 kg	46,— price on request	39,10	36,80	34,50
64719	2-Bromo-iso-butyryl bromide PROSYNTH® <i>2-Bromo-iso-butyryle bromure / 2-Bromo-iso-butirilo bromuro</i> (CH ₃) ₂ CBrCOBr C ₄ H ₆ Br ₂ O M = 229,90 g/mol 1 L ≈ 1,83 kg assay 98% boiling range 161—164 °C refractive index (n _D ²⁰) 1,507  R: 36/37/38 S: 26 disposal: 21	FL. STP. 2914	25 ml 50 kg	34,— price on request	28,90	27,20	25,50




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					(1 Box)	(4 Boxes)	(16 Boxes)
64794	(+)-3-Bromocamphor PROSYNTH® <i>Bromo-(+)-3-camphre / (+)-3-Bromoalcanfor</i> $C_{10}H_{15}BrO$ $M = 231,14$ g/mol assay (GC) 97% melting range 75–77 °C specific rotation $[(\alpha)_D^{20}, c = 5,3 \text{ in } CH_3OH)$... +132° ± 3°	WG. 2913	100 g	43,—	36,55	34,40	32,25
64781	(+)-3-Bromocamphor-8-sulphonic acid ammonium salt PROSYNTH® <i>Acide (+)-3-bromocampho-8-sulfonique sel d'ammonium / Acido (+)-3-bromocanfo-8-sulfónico sal amónica</i> $C_{10}H_{18}BrNO_4S$ $M = 328,23$ g/mol	FL. 2913	10 g	58,—	49,30	46,40	43,50
64339	(+)-3-Bromocamphor-10-sulphonic acid monohydrate PROSYNTH® <i>Acide (+)-bromo-3-camphosulfonique-10 monohydrate / Acido (+)-3-bromo-10-canfosulfónico monohidrato</i> $C_{10}H_{15}BrO_4S \cdot H_2O$ $M = 329,21$ g/mol assay (alkalimetric) 98% melting range 118–120 °C specific rotation $[(\alpha)_D^{20}, c = 0,5 \text{ in } H_2O)$ (for water-free substance) +98° ± 2°	FL. 2913	1 g	45,75	38,90	36,60	34,30
64338	(+)-3-Bromocamphor-8-sulphonic acid monohydrate PROSYNTH® <i>Acide (+)-bromo-3-camphosulfonique-8 monohydrate / Acido (+)-3-bromo-8-canfosulfónico monohidrato</i> $C_{10}H_{15}BrO_4S \cdot H_2O$ $M = 329,21$ g/mol assay (alkalimetric) 98% melting range 96–98 °C specific rotation $[(\alpha)_D^{20}, c = 0,5 \text{ in } H_2O)$ (for water-free substance) +99° ± 2°	FL. 2913	1 g	45,75	38,90	36,60	34,30
64348 A 3/4 + 63 °C	2-Bromocaproic acid PROSYNTH® <i>Acide bromo-2-caproïque / Acido 2-bromocapróico</i> $CH_3(CH_2)_3CHBrCOOH$ $C_6H_{11}BrO_2$ $M = 195,06$ g/mol 1 L ≈ 1,37 kg	FL. STP. 2914	100 ml 50 kg	43,25 price on request	36,75	34,60	32,45
64793	N-Bromocaprolactame PROSYNTH® <i>N-Bromocaprolactame / N-Bromocaprolactamo</i> $CH_2(CH_2)_4CONBr$ $C_6H_{10}BrNO$ $M = 192,06$ g/mol assay (ex Br) 98% melting range 62–65 °C keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera	WG. 2935	25 g	40,75	34,65	32,60	30,55
62188	2-Bromochlorobenzene PROSYNTH® <i>2-Bromochlorobenzène / 2-Bromoclorobenceno</i> C_6H_4BrCl $M = 191,45$ g/mol 1 L ≈ 1,66 kg assay (GC) 99% boiling range 203–205 °C refractive index (n_D^{20}) 1,581	FL. 2902	100 ml	121,—	102,85	96,80	90,75
62189	3-Bromochlorobenzene PROSYNTH® <i>3-Bromochlorobenzène / 3-Bromoclorobenceno</i> C_6H_4BrCl $M = 191,45$ g/mol 1 L ≈ 1,62 kg assay (GC) 99% boiling range 196–197 °C refractive index (n_D^{20}) 1,577	FL. 2902	100 ml	96,—	81,60	76,80	72,—
62190	4-Bromochlorobenzene PROSYNTH® <i>4-Bromochlorobenzène / 4-Bromoclorobenceno</i> C_6H_4BrCl $M = 191,45$ g/mol assay (GC) 98% melting range 64–67 °C	PF. 2902	1 kg	74,—	62,90	59,20	57,—






64780	1-Bromo-2-chloroethane PROSYNTH®	FL.	100 ml	29,50	25,10	23,60	22
A 6.1/61A	<i>1-Bromo-2-chloroéthane / 1-Bromo-2-cloroetano</i>	2902					
C 6.1 2810 2	ClCH ₂ CH ₂ Br C ₂ H ₄ BrCl M = 143,41 g/mol 1 L ≈ 1,73 kg assay (GC) 97% boiling range 102–105 °C refractive index (n _D ²⁰) 1,489						
	 R: 23/24/25 S: 25-44 disposal: 13						
35704	7-Bromo-5-chloro-8-hydroxyquinoline min. 99% PESTANAL®	FL.	1 g	14,25	12,10	11,40	10,
	<i>7-Bromo-5-chloro-8-hydroxyquinoléine / 7-Bromo-5-cloro-8-hidroxiquinolina</i> BrC ₆ HCl(OH)CH=CHCH=N C ₉ H ₅ BrClNO M = 258,50 g/mol	2935					
22003	7-Bromo-5-chloro-8-hydroxyquinoline	BL.	1 kg	price on request			
	<i>7-Bromo-5-chloro-8-hydroxyquinoléine / 7-Bromo-5-cloro-8-hidroxiquinolina</i> BrC ₆ HCl(OH)CH=CHCH=N C ₉ H ₅ BrClNO M = 258,50 g/mol	FTP. 2935	25 kg	price on request			
64779	Bromochloromethane PROSYNTH®	FL.	250 ml	28,50	24,25	22,80	21,4
A 6.1/21A	<i>Bromochlorométhane / Bromoclorometano</i>	2902					
C 6.1 2810 2	CH ₂ BrCl M = 129,38 g/mol 1 L ≈ 1,93 kg assay (GC) 98% boiling range 66–68 °C refractive index (n _D ²⁰) 1,483						
	 R: 20 S: 24 disposal: 13						
63976	4-Bromo-3-chloronitrobenzene PROSYNTH®	WG.	10 g	27,75	23,60	22,20	20,8
A 6.1/21K	<i>4-Bromo-3-chloronitrobenzène / 4-Bromo-3-cloronitrobenceno</i>	2903					
C 6.1 2811 2	C ₆ H ₃ BrClNO ₂ M = 236,45 g/mol melting range 59–62 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
32711	Bromochlorophenol blue indicator	WG.	5 g	33,25	28,25	26,60	24,95
	<i>Bleu de bromochlorophénol / Azul de bromoclorofenol</i> C ₁₉ H ₁₀ Br ₂ CCl ₂ O ₅ S M = 581,06 g/mol	2937					
62192	1-Bromo-3-chloropropane PROSYNTH®	FL.	250 ml	17,—	14,45	13,60	12,75
A 3/3	<i>1-Bromo-3-chloropropane / 1-Bromo-3-cloropropano</i>	2902					
C 3.3 1993 2	Br(CH ₂) ₃ Cl C ₃ H ₆ BrCl M = 157,44 g/mol 1 L ≈ 1,60 kg assay (GC) 99% boiling range 143–145 °C refractive index (n _D ²⁰) 1,486						
+45 °C	 R: 10-20/21/22 disposal: 7						
15391	1-Bromo-3-chloropropane	STP.	30 kg	price on request			
A 3/3	<i>1-Bromo-3-chloropropane / 1-Bromo-3-cloropropano</i>	F.	200 kg	price on request			
C 3.3 1993 2	Br(CH ₂) ₃ Cl C ₃ H ₆ BrCl M = 157,44 g/mol 1 L ≈ 1,60 kg assay (GC) 99% boiling range 143–145 °C refractive index (n _D ²⁰) 1,486	2902					
+45 °C	 R: 10-20/21/22 disposal: 7						






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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
32742	Bromocresol green indicator, Reag. Ph. Eur. I <i>Vert de bromocrésol / Verde de bromocresol</i> $C_{21}H_{14}Br_4O_5S$ $M = 698,02$ g/mol	FL. WG. WG. 2937	1 g 5 g 25 g	10,75 32,75 139,—	9,15 27,85 118,15	8,60 26,20 111,20	8,05 24,55 104,25
32748	Bromocresol green spray reagent for chromatography <i>Vert de bromocrésol / Verde de bromocresol</i> spray boxes of 330 ml R: 10	3819	1 pack	19,50	16,60	15,60	14,65
32642	Bromocresol purple indicator, Reag. Ph. Eur. I <i>Pourpre de bromocrésol / Púrpura de bromocresol</i> $C_{21}H_{16}Br_2O_5S$ $M = 540,23$ g/mol	FL. WG. 2937	5 g 25 g	11,75 37,50	10,— 31,90	9,40 30,—	8,80 28,15
64778	4-Bromocumene PROSYNTH® <i>4-Bromocumène / 4-Bromocumeno</i> $BrC_6H_4CH(CH_3)_2$ $C_9H_{11}Br$ $M = 199,09$ g/mol 1 L \approx 1,29 kg	FL. 2902	25 ml	78,50	66,75	62,80	58,90
64795	Bromocyclobutane PROSYNTH® <i>Bromocyclobutane / Bromociclobutano</i> $CH_2CH_2CH_2CHBr$ C_4H_7Br $M = 135,00$ g/mol 1 L \approx 1,43 kg assay (GC) 98% boiling range 106—108 °C refractive index (n_D^{20}) 1,479 R: 10 disposal: 7	A. 2902	1 g	149,50	127,10	119,60	112,15
62193	Bromocycloheptane PROSYNTH® <i>Bromocycloheptane / Bromocicloheptano</i> $CH_2(CH_2)_5CHBr$ $C_7H_{13}Br$ $M = 177,08$ g/mol 1 L \approx 1,29 kg assay (GC) 97% boiling range (at 13 mbar) 70—72 °C refractive index (n_D^{20}) 1,505	FL. 2902	100 ml	216,—	183,60	172,80	162,—
Bromocyclohexane see Cyclohexyl bromide							
Bromocyclopentane see Cyclopentyl bromide							
64343	Bromocyclopropane PROSYNTH® <i>Bromocyclopropane / Bromociclopropano</i> CH_2CH_2CHBr C_3H_5Br $M = 120,98$ g/mol 1 L \approx 1,51 kg assay (GC) 98% refractive index (n_D^{20}) 1,458 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 7	FL. 2902	5 ml	82,—	69,70	65,60	61,50
62194	1-Bromodecane PROSYNTH® <i>1-Bromodécane / 1-Bromodecano</i> $CH_3(CH_2)_9Br$ $C_{10}H_{21}Br$ $M = 221,18$ g/mol 1 L \approx 1,07 kg assay (GC) 97% boiling range 236—238 °C refractive index (n_D^{20}) 1,455	FL. F. 2902	250 ml 200 kg	22,— price on request	18,70	17,60	16,50
64608	2-Bromodecanoic acid PROSYNTH® <i>Acide 2-bromodécanique / Acido 2-bromodecanóico</i> $CH_3(CH_2)_7CHBrCOOH$ $C_{10}H_{19}BrO_2$ $M = 251,16$ g/mol 1 L \approx 1,21 kg assay (ex Br) 98% boiling range (at 3 mbar) 138—140 °C	FL. 2914	50 ml	62,—	52,70	49,60	46,50


39307	5-Bromodeoxyuridine BIOSYNTH® <i>5-Bromodésoxyuridine / 5-Bromodesoxiuridina</i> package of 250 mg C ₉ H ₁₁ BrN ₂ O ₅ M = 307,10 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	26,—	22,10	20,80	19,—
63955	1-Bromo-3,4-dichlorobenzene PROSYNTH® <i>1-Bromo-3-4-dichlorobenzène / 1-Bromo-3,4-diclorobenceno</i> C ₆ H ₃ BrCl ₂ M = 225,90 g/mol assay (GC) 97% melting range 24—25 °C  R: 20/21/22 S: 28 disposal: 7	FL. 2902	25 g	26,25	22,30	21,—	19,—
64613 A 6.1/61A C 6.1 2810 2	Bromodichloromethane PROSYNTH® <i>Bromodichlorométhane / Bromodiclorometano</i> CHBrCl ₂ M = 163,83 g/mol 1 L ≈ 1,99 kg assay (GC) 97% boiling range 87—90 °C refractive index (n _D ²⁰) 1,496  R: 20 S: 2-24/25 disposal: 13	FL. 2902	10 ml	47,—	39,95	37,60	35,—
63262	5-Bromo-2,4-dihydroxybenzoic acid PROSYNTH® <i>Acide 5-bromo-2-4-dihydroxybenzoïque / Acido 5-bromo-2,4-dihidroxibenzóico</i> (HO) ₂ C ₆ H ₂ BrCOOH C ₇ H ₅ BrO ₄ M = 233,02 g/mol	WG. 2916	10 g	28,25	24,—	22,60	21,—
64344 A 6.1/21E C 6.1 2811 2	4-Bromo-N,N-dimethylaniline PROSYNTH® <i>Bromo-4-N-N-diméthylaniline / 4-Bromo-N,N-dimetilanilina</i> C ₈ H ₁₀ BrN M = 200,08 g/mol BrC ₆ H ₄ N(CH ₃) ₂ assay (GC) 99% melting range 53—55 °C  R: 23/24/25-33 S: 28-37-44 disposal: 7	WG 2922	100 g	69,—	58,65	55,20	51,—
1-Bromo-2,4-dimethylbenzene see 4-Bromo-m-xylene 4-Bromo-1,2-dimethylbenzene see 4-Bromo-o-xylene 1-Bromo-2,6-dimethylbenzene see 2-Bromo-m-xylene							
64615 A 3/1A C 3.2 1993 2 + 9 °C	1-Bromo-2,2-dimethylpropane PROSYNTH® <i>1-Bromo-2-2-diméthylpropane / 1-Bromo-2,2-dimetilpropano</i> (CH ₃) ₃ CCH ₂ Br C ₅ H ₁₁ Br M = 151,05 g/mol 1 L ≈ 1,19 kg assay (GC) 97% boiling range 104—106 °C refractive index (n _D ²⁰) 1,436  R: 11 S: 9-16-33 disposal: 7	FL. 2902	5 ml	39,25	33,35	31,40	29,40
62196 A 6.1/61K C 8 1770 2	Bromodiphenylmethane PROSYNTH® <i>Bromodiphénylméthane / Bromodifenilmetano</i> (C ₆ H ₅) ₂ CHBr C ₁₃ H ₁₁ Br M = 247,13 g/mol assay (GC) 92% melting range 38—40 °C	WG. 2902	100 g	35,—	29,75	28,—	26,25

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
15934	1-Bromododecane <i>Bromo-1-dodécane / 1-Bromododecano</i> $\text{CH}_3(\text{CH}_2)_{11}\text{Br}$ $\text{C}_{12}\text{H}_{25}\text{Br}$ $M = 249,23$ g/mol assay (GC) 98% boiling range (at 0,13 mbar) 88–90 °C refractive index (n_D^{20}) 1,458	FL. 2902	1 L	55,—	46,75	44,—	42,35
64621	2-Bromododecanoic acid PROSYNTH® <i>Acide 2-bromododécanoïque / Acido 2-bromododecanóico</i> $\text{CH}_3(\text{CH}_2)_9\text{CHBrCOOH}$ $\text{C}_{12}\text{H}_{23}\text{BrO}_2$ $M = 279,22$ g/mol assay (alkalimetric) 99% melting range 30–32 °C	WG. 2914	25 g	43,75	37,20	35,—	32,80
60067 C 9 1891 2	Bromoethane PROSYNTH® <i>Bromoéthane / Bromoetano</i> $\text{C}_2\text{H}_5\text{Br}$ $M = 108,97$ g/mol $1\text{ L} \approx 1,46\text{ kg}$ assay (GC) 99% boiling range 37–39 °C refractive index (n_D^{20}) 1,424 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 28 disposal: 7	FL. FL. 2902	250 ml 1 L	18,— 57,50	15,30 48,90	14,40 46,—	13,50 44,30
02829 C 9 1891 2	Bromoethane chem. pure DAB 6 stabilized <i>Bromoéthane / Bromoetano</i> $\text{C}_2\text{H}_5\text{Br}$ $M = 108,97$ g/mol $1\text{ L} \approx 1,44\text{ kg}$ assay (GC) 98% boiling range 37–39 °C density (D_4^{20}) 1,444 non-volatile matter 0,01% keep cool à stocker au frais conservese frio  R: 20/21/22 S: 28 disposal: 7	FL. FL. EKL. 2902	250 ml 1 L 45 kg	18,75 60,— price on request	15,95 51,—	15,— 48,—	14,05 46,20
02802 C 9 1891 2	Bromoethane purified <i>Bromoéthane / Bromoetano</i> $\text{C}_2\text{H}_5\text{Br}$ $M = 108,97$ g/mol $1\text{ L} \approx 1,44\text{ kg}$ assay (GC) 98% boiling range 37–39 °C density (D_4^{20}) 1,444 non-volatile matter 0,01% keep cool à stocker au frais conservese frio  R: 20/21/22 S: 28 disposal: 7	FL. EKL. 2902	1 L 45 kg	46,50 price on request	39,55	37,20	35,80
63265	2-Bromoethanesulphonic acid sodium salt PROSYNTH® <i>Acide 2-bromoéthanesulfonique sel sodique / Acido 2-bromoetansulfónico sal sódica</i> $\text{BrCH}_2\text{CH}_2\text{SO}_3\text{Na}$ $\text{C}_2\text{H}_4\text{BrNaO}_3\text{S}$ $M = 211,01$ g/mol assay 97% melting range 283–285 °C (disint.)	WG. 2903	100 g	54,50	46,35	43,60	40,90



62167	2-Bromoethanol PROSYNTH® A 6.1/12 B <i>2-Bromoéthanol / 2-Bromoetanol</i> C 6.1 2810 2 <chem>BrCH2CH2OH</chem> <chem>C2H5BrO</chem> $M = 124,96 \text{ g/mol}$ 1 L \approx 1,76 kg assay (GC) 96% boiling range 148–150 °C refractive index (n_D^{20}) 1,492  R: 26/27/28 S: 7/9-28-45 disposal: 7	FL. 2904	100 ml	49,25	41,85	39,40	36
62168	2-Bromoethylammonium bromide PROSYNTH® <i>2-Bromoéthylammonium bromure / 2-Bromoetilamonio bromuro</i> <chem>BrCH2CH2NH2 \cdot HBr</chem> <chem>C2H7Br2N</chem> $M = 204,89 \text{ g/mol}$ assay (ex Br) 98% melting range 171–173 °C (2-Bromoethyl)-benzene see 2-Phenethyl bromide	WG. WG. 2922	† 100 g 500 g	19,25 80,—	16,35 68,—	15,40 64,—	14, 61,—
02885	2-Bromo-2-ethylbutyryl bromide A 8/11 <i>2-Bromo-2-éthylbutyryle bromure / 2-Bromo-2-etilbutirilo bromuro</i> C 8 1760 <chem>(CH3CH2)2CBrCOBr</chem> <chem>C6H10Br2O</chem> $M = 257,95 \text{ g/mol}$ 1 L \approx 1,68 kg assay 96% boiling point (at 13 mbar) 74 °C	FL. 2914	250 ml	56,50	48,05	45,20	42,4
64879	2-Bromoethyl chloroformate PROSYNTH® A 6.1/61F <i>2-Bromoéthyle chloroformiate / 2-Bromoetilo cloroformiato</i> C 6.1 2810 2 <chem>ClCOOCH2CH2Br</chem> <chem>C3H4BrClO2</chem> $M = 187,42 \text{ g/mol}$ 1 L \approx 1,75 kg assay (ex Cl) 97% refractive index (n_D^{20}) 1,478 keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera  R: 36/37/38 S: 26 disposal: 7	FL. 2914	10 ml	28,50	24,25	22,80	21,4
64674	2-Bromoethylphenyl ether PROSYNTH® <i>Ether 2-bromoéthylphénylique / Eter 2-bromoetilfenilico</i> <chem>C6H5OCH2CH2Br</chem> <chem>C8H9BrO</chem> $M = 201,06 \text{ g/mol}$ assay (GC) 98% melting range 31–34 °C	WG. 2908	250 g	41,50	35,30	33,20	31,1
64331	N-(2-Bromoethyl)-phthalimide PROSYNTH® <i>N-(Bromo-2-éthyl)-phthalimide / N-(2-Bromoetil)-ftalimida</i> <chem>BrCH2CH2NCOC6H4CO</chem> <chem>C10H8BrNO2</chem> $M = 254,08 \text{ g/mol}$ assay (HPLC) 98% melting range 80–83 °C	WG. 2926	100 g	104,—	88,40	83,20	78,—
35885	Bromofenoxime min. 99% PESTANAL® (3,5-Dibromo-4-hydroxybenzaldehyde-O-[2,4-dinitrophenyl]-oxime) <chem>HOBr2C6H2CH=NOC6H3(NO2)2</chem> <chem>C13H7Br2N3O6</chem> $M = 461,02 \text{ g/mol}$  R: 20/22 S: 2-13 disposal: 7	FL. 2929	1 g	28,25	24,—	22,60	21,20
63956	2-Bromofluorene PROSYNTH® <i>Bromo-2-fluorène / 2-Bromofluoreno</i> <chem>C6H4CH2C6H3Br</chem> <chem>C13H9Br</chem> $M = 245,12 \text{ g/mol}$ assay (ex Br) 95% melting range 107–108 °C	WG. 2902	10 g	28,75	24,45	23,—	21,55


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			1x	6x	24x	96x	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
64632	9-Bromofluorene PROSYNTH®	WG.	10 g	27,25	23,15	21,80	20,45
A 6.1/62	<i>Bromo-9-fluorène / 9-Bromofluoreno</i>	2902					
C 6.1 2811 3	<chem>C6H4CHBrC6H4</chem> <chem>C13H9Br</chem> <i>M</i> = 245,12 g/mol assay (ex Br) 98% melting range 102–104 °C						
61483	ω-Bromo-4-fluoroacetophenone PROSYNTH®	WG.	100 g	135,—	114,75	108,—	101,25
A 6.1/23C	<i>ω-Bromo-4-fluoroacétophénone / ω-Bromo-4-fluoroacetofenona</i>	2913					
C 6.1 1697 2	<chem>FC6H4COCH2Br</chem> <chem>C8H6BrFO</chem> <i>M</i> = 217,04 g/mol assay (GC) 98% melting range 47–49 °C						
61171	3-Bromo-4-fluoroacetophenone PROSYNTH®	WG.	100 g	114,50	97,35	91,60	85,90
A 6.1/23C	<i>Bromo-3-fluoro-4-acétophénone / 3-Bromo-4-fluoroacetofenona</i>	2913					
C 6.1 2811 2	<chem>BrC6H3(COCH3)F</chem> <chem>C8H6BrFO</chem> <i>M</i> = 217,04 g/mol assay (GC) 99% melting range 53–55 °C						
61172	3-Bromo-4-fluorobenzaldehyde PROSYNTH®	WG.	100 g	114,50	97,35	91,60	85,90
A 6.1/23	<i>Bromo-3-fluoro-4-benzaldéhyde / 3-Bromo-4-fluorobenzaldehydo</i>	2912					
C 6.1 2811 2	<chem>BrC6H3(CHO)F</chem> <chem>C7H4BrFO</chem> <i>M</i> = 203,01 g/mol assay (GC) 99% melting range 27–29 °C						
	 R: 23/24/25 S: 44 disposal: 14						
61287	2-Bromofluorobenzene PROSYNTH®	FL.	50 ml	78,—	66,30	62,40	58,50
A 3/3	<i>2-Bromofluorobenzène / 2-Bromofluorobenceno</i>	2902					
C 3.3 1993 2	<chem>C6H4BrF</chem> <i>M</i> = 175,00 g/mol 1 L ≈ 1,61 kg +48 °C assay (GC) 98% boiling range 155–157 °C refractive index (<i>n</i> _D ²⁰) 1,534						
	 R: 10-20/21/22 disposal: 7						
61288	3-Bromofluorobenzene PROSYNTH®	FL.	50 ml	135,50	115,20	108,40	101,65
A 3/3	<i>3-Bromofluorobenzène / 3-Bromofluorobenceno</i>	2902					
C 3.3 1993 2	<chem>C6H4BrF</chem> <i>M</i> = 175,00 g/mol 1 L ≈ 1,60 kg +46 °C assay (GC) 98% boiling range 148–150 °C refractive index (<i>n</i> _D ²⁰) 1,527						
	 R: 10-20/21/22 disposal: 7						
61047	4-Bromofluorobenzene PROSYNTH®	FL.	100 ml	28,—	23,80	22,40	21,—
A 3/3	<i>4-Bromofluorobenzène / 4-Bromofluorobenceno</i>	2902					
C 3.3 1993 2	<chem>C6H4BrF</chem> <i>M</i> = 175,00 g/mol 1 L ≈ 1,59 kg +53 °C assay (GC) 99% boiling range 151–153 °C						
	 R: 10-20/21/22 disposal: 7						
01807	4-Bromofluorobenzene	EKS.	60 kg	price on request			
A 3/3	<i>4-Bromofluorobenzène / 4-Bromofluorobenceno</i>	F.	250 kg	price on request			
C 3.3 1993 2	<chem>C6H4BrF</chem> <i>M</i> = 175,00 g/mol 1 L ≈ 1,59 kg +53 °C assay (GC) 99% boiling range 151–153 °C	2902					
	 R: 10-20/21/22 disposal: 7						




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
61170	3-Bromo-4-fluorobenzoic acid PROSYNTH®		WG.	25 g	104,—	88,40	83,20	78,—
A 6.1/23	Acide bromo-3-fluoro-4-benzoïque / Acido 3-bromo-4-		2914					
C 6.1 2811 2	fluorobenzoico							
	BrC ₆ H ₃ (COOH)F							
	C ₇ H ₄ BrFO ₂ M = 219,01 g/mol							
	assay (HPLC) 99%							
	melting range 138—140 °C							
61173	3-Bromo-4-fluorobenzonitrile PROSYNTH®		WG.	50 g	120,—	102,—	96,—	90,—
A 6.1/23	Bromo-3-fluoro-4-benzonitrile / 3-Bromo-4-		2927					
C 6.1 2811 2	fluorobenzonitrilo							
	BrC ₆ H ₃ (CN)F							
	C ₇ H ₃ BrFN M = 200,01 g/mol							
	assay (GC) 99%							
	melting range 53—55 °C							
	 R: 23/24/25 S: 44							
	disposal: 15							
61174	3-Bromo-4-fluoronitrobenzene PROSYNTH®		WG.	100 g	147,50	125,40	118,—	110,6
A 6.1/23	Bromo-3-fluoro-4-nitrobenzène / 3-Bromo-4-		2903					
C 6.1 2811 2	fluoronitrobenzeno							
	C ₆ H ₃ BrFNO ₂ M = 220,00 g/mol							
	assay (GC) 99%							
	melting point 55 °C							
	 R: 23/24/25 S: 44							
	disposal: 7							
61294	2-Bromo-4-fluorotoluene PROSYNTH®		FL.	25 ml	45,—	38,25	36,—	33,75
	2-Bromo-4-fluorotoluène / 2-Bromo-4-fluorotolueno		2902					
	BrC ₆ H ₃ FCH ₃							
	C ₇ H ₆ BrF M = 189,03 g/mol 1 L ≈ 1,50 kg							
	assay (GC) 99%							
	refractive index (n _D ²⁰) 1,526							
61293	2-Bromo-5-fluorotoluene PROSYNTH®		FL.	25 ml	207,—	175,95	165,60	155,25
	2-Bromo-5-fluorotoluène / 2-Bromo-5-fluorotolueno		2902					
	BrC ₆ H ₃ FCH ₃							
	C ₇ H ₆ BrF M = 189,03 g/mol 1 L ≈ 1,53 kg							
	assay (GC) 95%							
33061	Bromoform (D ₄ ²⁰) 2,870-2,890 for the separation of mineral		FL.	100 ml	40,—	34,—	32,—	30,—
A 6.1/61A	compounds		FL.	1 L	301,—	255,85	240,80	231,75
C 6.1 2515 3	Bromoforme / Bromoformo		2902					
	CHBr ₃ M = 252,73 g/mol 1 L ≈ 2,90 kg							
	refractive index (n _D ²⁰) 1,5970—1,5990							
	non-volatile matter max. 0,1%							
	 R: 23-36/38 S: 28-44							
	disposal: 13							
02807	Bromoform chem. pure DAB 6		FL.	250 ml	38,50	32,75	30,80	28,90
A 6.1/61A	Bromoforme / Bromoformo		FL.	1 L	130,—	110,50	104,—	100,10
C 6.1 2515 3	CHBr ₃ M = 252,73 g/mol 1 L ≈ 2,81 kg		STP.	70 kg	kg	23,—		
	congealing point +5 °C		2902					
	boiling range 148—150 °C							
	density (D ₄ ²⁰) 2,814—2,818							
	non-volatile matter 0,01%							
	 R: 23-36/38 S: 28-44							
	disposal: 13							
02808	Bromoform (D ₄ ²⁰) 2,81-2,83, for coal flotation		FL.	1 L	118,—	100,30	94,40	90,85
A 6.1/61A	Bromoforme / Bromoformo		STP.	70 kg	kg	23,50		
C 6.1 2515 3	CHBr ₃ M = 252,73 g/mol 1 L ≈ 2,81 kg		STP.	5x	kg	22,50		
	 R: 23-36/38 S: 28-44		2902					
	disposal: 13							






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					(1 Box)	(4 Boxes)	(16 Boxes)
09040	Bromoform-d deuteration degree not less than 99,5 atom% D <i>Bromoforme-d / Bromoformo-d</i>	A. 2851	10 ml	130,—	110,50	104,—	97,50
A 6.1/61A							
C 6.1 2515 3	CDBr ₃ M = 253,72 g/mol 1 L ≈ 2,91 kg  R: 23-36/38 S: 28-44 disposal: 13						
62200	5-Bromofuran-2-carboxylic acid PROSYNTH® <i>Acide bromo-5-furane-2-carboxylique / Acido 5-bromofurano-2-carboxilico</i> QCB _r = CHCH = CCOOH C ₅ H ₃ BrO ₃ M = 190,98 g/mol assay (alkalimetric) 99% melting range 189—190 °C	WG. 2935	25 g	69,—	58,65	55,20	51,75
62201	1-Bromoheptane PROSYNTH® <i>1-Bromoheptane / 1-Bromoheptano</i> CH ₃ (CH ₂) ₆ Br C ₇ H ₁₅ Br M = 179,11 g/mol 1 L ≈ 1,14 kg assay (GC) 97% R: 10 disposal: 7	FL. FL. F. 2902	† 100 ml 500 ml 200 kg	10,— 40,— price on request	8,50 34,—		
A 3/3							
C 3.3 1993 2	+54 °C						
62202	2-Bromoheptane PROSYNTH® <i>2-Bromoheptane / 2-Bromoheptano</i> CH ₃ (CH ₂) ₄ CHBrCH ₃ C ₇ H ₁₅ Br M = 179,10 g/mol 1 L ≈ 1,13 kg assay (GC) 97% boiling range (at 27 mbar) 62—64 °C refractive index (n _D ²⁰) 1,447 R: 10 disposal: 7	FL. 2902	100 ml	89,50	76,10	71,60	67,15
A 3/3							
C 3.3 1993 2	+54 °C						
64633	2-Bromoheptanoic acid PROSYNTH® <i>Acide 2-bromoheptanoïque / Acido 2-bromoheptanóico</i> CH ₃ (CH ₂) ₄ CHBrCOOH C ₇ H ₁₃ BrO ₂ M = 209,08 g/mol 1 L ≈ 1,33 kg	FL. 2914	100 ml	70,—	59,50	56,—	52,50
62203	1-Bromohexadecane PROSYNTH® <i>1-Bromohexadécane / 1-Bromohexadecano</i> CH ₃ (CH ₂) ₁₅ Br C ₁₆ H ₃₃ Br M = 305,34 g/mol 1 L ≈ 0,99 kg assay (GC) 96% melting range 16—17 °C	FL. 2902	500 ml	35,25	29,95	28,20	27,15
64637	2-Bromohexadecanoic acid PROSYNTH® <i>Acide 2-bromohexadécanoïque / Acido 2-bromohexadecanóico</i> CH ₃ (CH ₂) ₁₃ CHBrCOOH C ₁₆ H ₃₁ BrO ₂ M = 335,32 g/mol assay (GC) 97% melting range 51—53 °C	WG. 2914	50 g	37,75	32,10	30,20	28,30
62204	1-Bromohexane PROSYNTH® <i>1-Bromohexane / 1-Bromohexano</i> CH ₃ (CH ₂) ₅ Br C ₆ H ₁₃ Br M = 165,07 g/mol 1 L ≈ 1,17 kg assay (GC) 99% boiling range 154—156 °C refractive index (n _D ²⁰) 1,448 R: 10 disposal: 7	FL. 2902	1 L	40,—	34,—	32,—	30,80
A 3/3							
C 3.3 1993 2	+35 °C						
02870	1-Bromohexane min. 99% <i>1-Bromohexane / 1-Bromohexano</i> CH ₃ (CH ₂) ₅ Br C ₆ H ₁₃ Br M = 165,07 g/mol 1 L ≈ 1,17 kg assay (GC) 99% boiling range 154—156 °C refractive index (n _D ²⁰) 1,448 R: 10 disposal: 7	F. 2902	200 kg	price on request			
A 3/3							
C 3.3 1993 2	+44 °C						

63266	3-Bromohexane PROSYNTH® <i>3-Bromohexane / 3-Bromohexano</i> CH ₃ CH ₂ CH ₂ CHBrCH ₂ CH ₃ C ₆ H ₁₃ Br M = 165,08 g/mol 1 L ≈ 1,17 kg assay (GC) 97% boiling range 140–142 °C refractive index (n _D ²⁰) 1,447 R: 10 disposal: 7	FL. 2902	50 ml	54,50	46,35	43,60	40
64647	6-Bromo-1-hexene PROSYNTH® <i>6-Bromo-1-hexène / 6-Bromo-1-hexeno</i> Br(CH ₂) ₄ CH=CH ₂ C ₆ H ₁₁ Br M = 163,06 g/mol 1 L ≈ 1,22 kg assay (GC) 95% boiling range (at 21 mbar) 47–50 °C refractive index (n _D ²⁰) 1,466 R: 10 disposal: 7	FL. 2902	5 ml	37,75	32,10	30,20	28
	2-Bromohexanoic acid see 2-Bromocaproic acid						
	4-Bromo-1-hydroxybenzene see 4-Bromophenol						
	5-Bromo-4-hydroxy-5-methoxy-α-oxotoluene see 5-Bromovanillin						
	1-Bromo-2-hydroxynaphthalene see 1-Bromonaphthol-(2)						
	6-Bromo-2-hydroxynaphthalene see 6-Bromonaphthol-(2)						
64650	5-Bromo-2-hydroxy-3-nitropyridine PROSYNTH® <i>5-Bromo-2-hydroxy-3-nitropyridine / 5-Bromo-2-hidroxi-3-nitropiridina</i> N=C(OH)C(NO ₂)=CHCH=CBr C ₅ H ₃ BrN ₂ O ₃ M = 218,99 g/mol assay 97% melting range 243–245 °C	FL. 2935	1 g	17,50	14,90	14,—	13,1
64653	2-Bromo-3-hydroxypyridine PROSYNTH® <i>2-Bromo-3-hydroxypyridine / 2-Bromo-3-hidroxi-3-piridina</i> N=CBrC(OH)=CHCH=CH C ₅ H ₄ BrNO M = 174,00 g/mol assay 97% melting range 185–187 °C	WG. 2935	10 g	54,50	46,35	43,60	40,90
64656	5-Bromoindole PROSYNTH® <i>5-Bromoindole / 5-Bromoindol</i> BrC ₆ H ₃ NHCH=CH C ₈ H ₆ BrN M = 196,05 g/mol assay (ex Br) 98% melting range 86–88 °C	WG. 2935	10 g	54,—	45,90	43,20	40,50
39308	5-Bromoindoxyl acetate BIOSYNTH® <i>Bromo-5-indoxyle acétate / 5-Bromoindoxilo acetato</i> package of 100 mg BrC ₆ H ₃ NHCH=COCH ₃ C ₁₀ H ₈ BrNO ₂ M = 254,08 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	17,50	14,90	14,—	13,15
63267	4-Bromoiodobenzene PROSYNTH® <i>4-Bromoiodobenzène / 4-Bromoyodobenceno</i> C ₆ H ₄ BrI M = 282,91 g/mol assay (GC) 99% melting range 90–92 °C	WG. 2902	10 g	38,50	32,75	30,80	28,90

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
64657	5-Bromoisatine PROSYNTH® <i>5-Bromoisatine / 5-Bromoisatina</i> <chem>BrC6H3COCONH</chem> <chem>C8H4BrNO2</chem> $M = 226,03$ g/mol assay (HPLC) 97% melting range 245–247 °C (disint.)	PF. 2935	100 g	24,75	23,—		
02891	2-Bromoisovaleryl bromide <i>Acide 2-bromoisovalérique-bromure / Acido 2-bromo-iso-valérico-bromuro</i> <chem>(CH3)2CHCHBrCOBr</chem> <chem>C5H8Br2O</chem> $M = 243,93$ g/mol 1 L ≈ 1,76 kg assay (ex Br) 99% boiling range (at 22 mbar) 67–68 °C	FL. 2935	10 g	price on request			
33094	4-Bromomandelic acid R. G. <i>Acide 4-bromomandélique / Acido 4-bromoamigdálico</i> <chem>BrC6H4CHOHCOOH</chem> <chem>C8H8BrO3</chem> $M = 232,05$ g/mol assay min. 99% melting range 116–118 °C	WG. 2916	10 g	42,75	36,35	34,20	32,05
	2-Bromo-1-mercaptopbenzene see 2-Bromothiophenol						
62205	2-Bromomesitylene PROSYNTH® <i>2-Bromomésitylène / 2-Bromomesitileno</i> <chem>(CH3)3C6H2Br</chem> <chem>C9H11Br</chem> $M = 199,09$ g/mol 1 L ≈ 1,32 kg assay (GC) 99% boiling range 223–225 °C refractive index (n_D^{20}) 1,551	FL. 2902	100 ml	27,—	22,95	21,60	20,25
60072 A 2/11AT C 2 1062	Bromomethane PROSYNTH® <i>Bromométhane / Bromometano</i> <chem>CH3Br</chem> $M = 94,94$ g/mol assay (GC) 99% boiling range 3–5 °C  R: 26 S: 1/2-7/9-24/25-27-45 disposal: 13 ampoule of 100 g	2902	1 pack	52,50	44,65	42,—	39,40
	2-Bromo-1-methoxybenzene see 2-Bromoanisole						
	3-Bromo-1-methoxybenzene see 3-Bromoanisole						
	4-Bromo-2-methylaniline see 2-Amino-5-bromotoluene						
	4-Bromo-3-methylaniline see 5-Amino-2-bromotoluene						
	2-Bromo-1-methylbenzene see 2-Bromotoluene						
	3-Bromo-1-methylbenzene see 3-Bromotoluene						
	4-Bromo-1-methylbenzene see 4-Bromotoluene						
64351	4-Bromomethylbenzoic acid PROSYNTH® <i>Acide bromométhyl-4-benzoïque / Acido 4-bromometilbenzóico</i> <chem>BrCH2C6H4COOH</chem> <chem>C8H7BrO2</chem> $M = 215,05$ g/mol assay (alkalimetric) 98% melting range 223–225 °C	WG. 2914	25 g	106,50	90,55	85,20	79,90
64829 A 6.1/21 C 6.1 2811 2	4-Bromomethylbenzonitrile PROSYNTH® <i>4-Bromométhylbenzonitrile / 4-Bromometilbenzonitrilo</i> <chem>NCC6H4CH2Br</chem> <chem>C8H6BrN</chem> $M = 196,05$ g/mol assay (ex Br) 98% melting range 114–117 °C  R: 23/24/25 S: 44 disposal: 15	WG. WG. 2927	† 5 g 25 g	25,— 90,—	21,25 76,50	72,—	67,50

60073	1-Bromo-3-methylbutane PROSYNTH® <i>1-Bromo-3-méthylbutane / 1-Bromo-3-metilbutano</i> (CH ₃) ₂ CHCH ₂ CH ₂ Br C ₅ H ₁₁ Br M = 151,05 g/mol 1 L ≈ 1,21 kg assay (GC) 98% boiling range 118–120 °C refractive index (n _D ²⁰) 1,442 R: 10 disposal: 7	FL. F. 2902	500 ml 200 kg	66,— price on request	56,10	52,80	50
63269	1-Bromo-2-methylnaphthalene PROSYNTH® <i>1-Bromo-2-méthylnaphtalène / 1-Bromo-2-metilnaftaleno</i> BrC ₁₀ H ₆ CH ₃ C ₁₁ H ₉ Br M = 221,10 g/mol 1 L ≈ 1,45 kg assay (GC) 98% boiling range (at 19 mbar) 153–156 °C refractive index (n _D ²⁰) 1,648	FL. 2902	100 ml	144,—	122,40	115,20	108,
64762	1-Bromo-4-methylnaphthalene PROSYNTH® <i>1-Bromo-4-méthylnaphtalène / 1-Bromo-4-metilnaftaleno</i> BrC ₁₀ H ₆ CH ₃ C ₁₁ H ₉ Br M = 221,10 g/mol 1 L ≈ 1,45 kg assay 97% boiling range (at 16 mbar) 162–164 °C refractive index (n _D ²⁰) 1,651	FL. 2902	10 ml	46,50	39,55	37,20	34,
60074	1-Bromo-2-methylpropane PROSYNTH® <i>1-Bromo-2-méthylpropane / 1-Bromo-2-metilpropano</i> (CH ₃) ₂ CHCH ₂ Br C ₄ H ₉ Br M = 137,02 g/mol 1 L ≈ 1,26 kg assay (GC) 99% boiling range 90–92 °C refractive index (n _D ²⁰) 1,436 R: 10 disposal: 7	FL. 2902	500 ml	26,75	22,75	21,40	20,6
60075	2-Bromo-2-methylpropane PROSYNTH® <i>2-Bromo-2-méthylpropane / 2-Bromo-2-metilpropano</i> (CH ₃) ₃ CBr C ₄ H ₉ Br M = 137,02 g/mol 1 L ≈ 1,23 kg assay (GC) 98% boiling range 71–73 °C refractive index (n _D ²⁰) 1,428  R: 11 S: 9-16-33 disposal: 7	FL. 2902	500 ml	58,—	49,30	46,40	44,6
64826	1-Bromo-2-naphthaldehyde PROSYNTH® <i>1-Bromo-2-naphtaldéhyde / 1-Bromo-2-naftaldehido</i> BrC ₁₀ H ₆ CHO C ₁₁ H ₇ BrO M = 235,08 g/mol assay 95% melting range 114–116 °C	FL. 2912	1 g	44,75	38,05	35,80	33,55
02805	1-Bromonaphthalene <i>1-Bromonaphtalène / 1-Bromonaftaleno</i> C ₁₀ H ₇ Br M = 207,07 g/mol 1 L ≈ 1,48 kg	FL. FL. 2902	100 ml 500 ml	21,— 82,50	17,85 70,15	16,80 66,—	15,75 63,55
64771	2-Bromonaphthalene PROSYNTH® <i>2-Bromonaphtalène / 2-Bromonaftaleno</i> C ₁₀ H ₇ Br M = 207,07 g/mol assay (GC) 98% melting range 54–56 °C	WG. 2902	5 g	43,75	37,20	35,—	32,80
62207	1-Bromonaphthol-(2) PROSYNTH® <i>1-Bromonaphtol-(2) / 1-Bromonaftol-(2)</i> BrC ₁₀ H ₆ OH C ₁₀ H ₇ BrO M = 223,07 g/mol assay (GC) 98% melting range 75–78 °C	WG. 2907	100 g	72,50	61,65	58,—	54,40







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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
39309	6-Bromo-2-naphthyl-β-D-galactopyranoside BIOSYNTH® <i>Bromo-6-naphtyl-2-β-D-galactopyranoside / 6-Bromo-2-naftil-β-D-galactopiranosido</i> package of 100 mg <chem>OCH(CH2OH)(CHOH)3CHOC10H6Br</chem> <chem>C16H17BrO6</chem> $M = 385,21$ g/mol	2935	1 pack	64,—	54,40	51,20	48,—
39310	6-Bromo-2-naphthyl-β-D-glucopyranoside BIOSYNTH® <i>Bromo-6-naphtyl-2-β-D-glucopyranoside / 6-Bromo-2-naftil-β-D-glucopiranosido</i> package of 250 mg <chem>OCH(CH2OH)(CHOH)3CHOC10H6Br</chem> <chem>C16H17BrO6</chem> $M = 385,21$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	142,—	120,70	113,60	106,50
64353 A 6.1/21F C 6.1 2811 2	2-Bromo-4-nitroaniline PROSYNTH® <i>Bromo-2-nitro-4-aniline / 2-Bromo-4-nitroanilina</i> <chem>NO2C6H3BrNH2</chem> <chem>C6H5BrN2O2</chem> $M = 217,02$ g/mol assay (HPLC) 98% melting range 101—103 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	100 g	60,—	51,—	48,—	45,—
63957	2-Bromo-4-nitroanisole PROSYNTH® <i>2-Bromo-4-nitroanisole / 2-Bromo-4-nitroanisol</i> <chem>BrC6H3(NO2)OCH3</chem> <chem>C7H6BrNO3</chem> $M = 232,03$ g/mol assay (GC) 95% melting range 103—105 °C	WG. 2908	10 g	30,75	26,15	24,60	23,05
63958	2-Bromo-5-nitroanisole PROSYNTH® <i>2-Bromo-5-nitroanisole / 2-Bromo-5-nitroanisol</i> <chem>BrC6H3(NO2)OCH3</chem> <chem>C7H6BrNO3</chem> $M = 232,03$ g/mol assay (GC) 98% melting range 102—105 °C	WG. 2908	10 g	31,75	27,—	25,40	23,80
63959	4-Bromo-3-nitroanisole PROSYNTH® <i>4-Bromo-3-nitroanisole / 4-Bromo-3-nitroanisol</i> <chem>BrC6H3(NO2)OCH3</chem> <chem>C7H6BrNO3</chem> $M = 232,03$ g/mol assay (GC) 98% melting range 29—32 °C	FL. 2908	10 g	27,—	22,95	21,60	20,25
62209 A 6.1/21K C 6.1 2811 2	2-Bromonitrobenzene PROSYNTH® <i>2-Bromonitrobenzène / 2-Bromonitrobenceno</i> <chem>C6H4BrNO2</chem> $M = 202,01$ g/mol assay (GC) 99% melting range 40—42 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. WG. 2903	50 g 1 kg	22,— 300,—	18,70 255,—	17,60 240,—	16,50 231,—
62210 A 6.1/21 K C 6.1 2811 2	3-Bromonitrobenzene PROSYNTH® <i>3-Bromonitrobenzène / 3-Bromonitrobenceno</i> <chem>C6H4BrNO2</chem> $M = 202,01$ g/mol assay (GC) 98% melting range 54—56 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20 2-Bromo-4-nitro-1-methoxybenzene see 2-Bromo-4-nitroanisole	WG. STPB. 2903	100 g 35 kg	60,— price on request	51,—	48,—	45,—

	4-Bromo-3-nitro-1-methoxybenzene see 4-Bromo-3-nitroanisole								
	6-Bromo-3-nitro-1-methoxybenzene see 2-Bromo-5-nitroanisole								
	2-Bromo-4-nitro-1-methylbenzene see 2-Bromo-4-nitrotoluene								
63270	2-Bromo-4-nitrotoluene PROSYNTH® 2-Bromo-4-nitrotoluène / 2-Bromo-4-nitrotolueno CH ₃ C ₆ H ₃ BrNO ₂ C ₇ H ₆ BrNO ₂ M = 216,03 g/mol assay (GC) 98% melting range 76–78 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	25 g	29,50	25,10	23,60	22		
62553	2-Bromo-5-nitrotoluene PROSYNTH® 2-Bromo-5-nitrotoluène / 2-Bromo-5-nitrotolueno CH ₃ C ₆ H ₃ (NO ₂)Br C ₇ H ₆ BrNO ₂ M = 216,03 g/mol assay (GC) 99% melting range 77–79 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	10 g	34,—	28,90	27,20	25,5		
65203	2-Bromo-6-nitrotoluene PROSYNTH® 2-Bromo-6-nitrotoluène / 2-Bromo-6-nitrotolueno CH ₃ C ₆ H ₃ (NO ₂)Br C ₇ H ₆ BrNO ₂ M = 216,03 g/mol melting range 36–38 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	50 g	price on request					
62586	4-Bromo-2-nitrotoluene PROSYNTH® 4-Bromo-2-nitrotoluène / 4-Bromo-2-nitrotolueno CH ₃ C ₆ H ₃ (NO ₂)Br C ₇ H ₆ BrNO ₂ M = 216,03 g/mol assay (GC) 99% melting range 45–47 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	10 g	34,—	28,90	27,20	25,50		
62614	4-Bromo-3-nitrotoluene PROSYNTH® 4-Bromo-3-nitrotoluène / 4-Bromo-3-nitrotolueno CH ₃ C ₆ H ₃ (NO ₂)Br C ₇ H ₆ BrNO ₂ M = 216,03 g/mol assay (GC) 98% melting range 29–31 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	10 g	56,50	48,05	45,20	42,40		
62211	1-Bromononane PROSYNTH® 1-Bromononane / 1-Bromononano CH ₃ (CH ₂) ₈ Br C ₉ H ₁₉ Br M = 207,16 g/mol 1 L ≈ 1,09 kg assay (GC) 97% + 90 °C	FL. F. 2902	100 ml 200 kg	30,— price on request	25,50	24,—	22,50		
64721	2-Bromononanoic acid PROSYNTH® Acide 2-bromononanoïque / Acido 2-bromononanóico CH ₃ (CH ₂) ₆ CHBrCOOH C ₉ H ₁₇ BrO ₂ M = 237,14 g/mol 1 L ≈ 1,23 kg	FL. 2914	25 ml	77,50	65,90	62,—	58,15		
39313	5-Bromouridine BIOSYNTH® 5-Bromouridine / 5-Bromouridina package of 100 mg C ₉ H ₁₁ BrN ₂ O ₆ M = 323,10 g/mol refer explanations	2935	1 pack	13,25	11,25	10,60	9,95		









3697	1-Bromooctadecane PROSYNTH® <i>1-Bromooctadécane / 1-Bromooctadecano</i> CH ₃ (CH ₂) ₁₇ Br C ₁₈ H ₃₇ Br M = 333,39 g/mol assay (GC) 95 % melting range 25–28 °C	FL. F. 2902	500 g 200 kg	43,75 price on request	37,20	35,—	33,70
36077 A 3/4 +54 °C	1-Bromooctane PROSYNTH® <i>1-Bromooctane / 1-Bromooctano</i> CH ₃ (CH ₂) ₇ Br C ₈ H ₁₇ Br M = 193,13 g/mol 1 L ≈ 1,12 kg assay (GC) 99 % boiling range (at 13 mbar) 75–77 °C refractive index (n _D ²⁰) 1,452	FL. F. 2902	500 ml 200 kg	25,— price on request	21,25	20,—	19,25
34726	2-Bromooctanoic acid PROSYNTH® <i>Acide 2-bromooctanoïque / Acido 2-bromooctanóico</i> CH ₃ (CH ₂) ₅ CHBrCOOH C ₈ H ₁₅ BrO ₂ M = 223,11 g/mol 1 L ≈ 1,28 kg assay (alkalimetric) 97 % boiling range (at 7 mbar) 138–140 °C refractive index (n _D ²⁰) 1,461	FL. 2914	100 ml	56,—	47,60	44,80	42,—
34730 A 8/21 C 8 1759 2	3-Bromo-2-oxobutyric acid PROSYNTH® <i>Acide 3-bromo-2-oxobutyrique / Acido 3-bromo-2-oxobutirico</i> CH ₃ CHBrCOCOOH C ₄ H ₅ BrO ₃ M = 180,99 g/mol	WG. 2916	10 g	49,—	41,65	39,20	36,75
2-Bromo-α-oxotoluene see 2-Bromobenzaldehyde							
3-Bromo-α-oxotoluene see 3-Bromobenzaldehyde							
4-Bromo-α-oxotoluene see 4-Bromobenzaldehyde							
64679	1-Bromopentadecane PROSYNTH® <i>1-Bromopentadécane / 1-Bromopentadecano</i> CH ₃ (CH ₂) ₁₄ Br C ₁₅ H ₃₁ Br M = 291,31 g/mol 1 L ≈ 1,00 kg assay (GC) 98 % boiling range (at 1,3 mbar) 135–137 °C refractive index (n _D ²⁰) 1,461	FL. 2902	10 ml	25,75	21,90	20,60	19,30
Bromopentadeutero benzene see Bromobenzene-D ₅							
61201 A 6.1/61K C 6.1 2810 3	Bromopentafluorobenzene PROSYNTH® <i>Bromopentafluorobenzène / Bromopentafluorobenceno</i> C ₆ BrF ₅ M = 246,96 g/mol 1 L ≈ 1,94 kg assay (GC) 99 % boiling range 138–140 °C refractive index (n _D ²⁰) 1,449	FL. 2902	50 ml	327,—	277,95	261,60	245,25
61474 A 6.1/61K C 8 1760 2	α-Bromo-2,3,4,5,6-pentafluorotoluene PROSYNTH® <i>α-Bromo-2-3-4-5-6-pentafluorotoluène / α-Bromo-2,3,4,5,6-pentafluorotolueno</i> C ₆ F ₅ CH ₂ Br C ₇ H ₂ BrF ₅ M = 260,99 g/mol 1 L ≈ 1,14 kg assay (GC) 98 % boiling range 173–175 °C refractive index (n _D ²⁰) 1,471	FL. 2902	1 g	26,—	22,10	20,80	19,50
62212 A 3/3 C 3.3 1993 2 +31 °C	1-Bromopentane PROSYNTH® <i>1-Bromopentane / 1-Bromopentano</i> CH ₃ (CH ₂) ₄ Br C ₅ H ₁₁ Br M = 151,05 g/mol 1 L ≈ 1,22 kg assay (GC) 97 % refractive index (n _D ²⁰) 1,444	FL. F. 2902	250 ml 200 kg	30,75 price on request	26,15	24,60	23,05



R: 10-20/21/22 disposal: 7

02130	2-Bromopentane	FL.	1 L	price on request				
A 3/1A	<i>2-Bromopentane / 2-Bromopentano</i>	2902						
C 3.2 1993 2	$\text{CH}_3\text{CHBrCH}_2\text{CH}_2\text{CH}_3$							
+19 °C	$\text{C}_5\text{H}_{11}\text{Br}$ $M = 151,05$ g/mol		1 L \approx 1,20 kg					
	 							
	R: 11-20/21/22 S: 26-28 disposal: 7							
63271	5-Bromopentene-(1) PROSYNTH®	FL.	25 ml	131,—	111,35	104,80	98	
A 3/3	<i>5-Bromopentène-(1) / 5-Bromopenteno-(1)</i>	2902						
C 3.3 1993 2	$\text{Br}(\text{CH}_2)_3\text{CH}=\text{CH}_2$							
+30 °C	$\text{C}_5\text{H}_9\text{Br}$ $M = 149,03$ g/mol		1 L \approx 1,26 kg					
	assay (GC) 98%							
	boiling range 126—128 °C							
	refractive index (n_D^{20}) 1,463							
	keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera							
	R: 10 disposal: 7							
63272	9-Bromophenanthrene PROSYNTH®	WG.	25 g	41,50	35,30	33,20	31,	
	<i>9-Bromophénanthrène / 9-Bromofenantreno</i>	2902						
	$\text{C}_6\text{H}_4\text{C}_6\text{H}_4\text{CH}=\text{CBr}$							
	$\text{C}_{14}\text{H}_9\text{Br}$ $M = 257,13$ g/mol							
	assay (ex Br) 96%							
	melting range 60—63 °C							
64358	2-Bromophenol PROSYNTH®	FL.	100 ml	97,—	82,45	77,60	72,	
A 6.1/13C	<i>Bromo-2-phénol / 2-Bromofenol</i>	2906						
C 6.1 2810 3	$\text{BrC}_6\text{H}_4\text{OH}$							
	$\text{C}_6\text{H}_5\text{BrO}$ $M = 173,01$ g/mol		1 L \approx 1,63 kg					
	assay (GC) 98%							
	boiling range 193—195 °C							
	refractive index (n_D^{20}) 1,588							
								
	R: 20/21/22 S: 2-28 disposal: 7							
62622	3-Bromophenol PROSYNTH®	FL.	† 10 ml	35,—	29,75			
A 6.1/13C	<i>Bromo-3-phénol / 3-Bromofenol</i>	FL.	50 ml	145,—	123,25	116,—	108,7	
C 6.1 2810 3	$\text{HOC}_6\text{H}_4\text{Br}$	2907						
	$\text{C}_6\text{H}_5\text{BrO}$ $M = 173,01$ g/mol		1 L \approx 1,63 kg					
	assay (GC) 99%							
	melting range 32—34 °C							
								
	R: 20/21/22 S: 2-28 disposal: 7							
62214	4-Bromophenol PROSYNTH®	WG.	100 g	14,—	11,90	11,20	10,50	
A 6.1/13C	<i>Bromo4-phénol / 4-Bromofenol</i>	2907						
C 6.1 2811 3	$\text{BrC}_6\text{H}_4\text{OH}$							
	$\text{C}_6\text{H}_5\text{BrO}$ $M = 173,01$ g/mol		1 L \approx 1,63 kg					
	assay (titration) 99%							
	melting range 63—64 °C							
								
	R: 20/21/22 S: 2-28 disposal: 7							
15271	4-Bromophenol	FTP.	50 kg	price on request				
A 6.1/13C	<i>Bromo4-phénol / 4-Bromofenol</i>	2907						
C 6.1 2810 3	$\text{BrC}_6\text{H}_4\text{OH}$							
	$\text{C}_6\text{H}_5\text{BrO}$ $M = 173,01$ g/mol		1 L \approx 1,63 kg					
	assay (titration) 99%							
	melting range 63—64 °C							
								
	R: 20/21/22 S: 2-28 disposal: 7							
32712	Bromophenol blue indicator, Reag. Ph. Eur. I	WG.	5 g	11,—	9,35	8,80	8,25	
	<i>Bleu de bromophénol / Azul de bromofenol</i>	WG.	25 g	36,—	30,60	28,80	27,—	
	$\text{C}_{19}\text{H}_{10}\text{Br}_4\text{O}_5\text{S}$ $M = 669,97$ g/mol	2937						

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2643	Bromophenol red indicator <i>Rouge de bromophénol / Rojo de bromofenol</i> <chem>C19H12Br2O5S</chem> $M = 512,17$ g/mol	FL. WG. 2937	1 g 5 g	9,50 30,75	8,10 26,15	7,60 24,60	7,15 23,05
2215	DL-α-Bromophenylacetic acid PROSYNTH® <i>Acide DL-α-bromophénylacétique / Acido DL-α-bromofenilacético</i> <chem>C6H5CHBrCOOH</chem> <chem>C8H7BrO2</chem> $M = 215,05$ g/mol assay (alkalimetric) 98 % melting range 80–82 °C	PF. 2914	100 g	187,—	158,95	149,60	140,25
5180	2-Bromophenylacetic acid PROSYNTH® <i>Acide bromo-2-phénylacétique / Acido 2-bromofenilacético</i> <chem>BrC6H4CH2COOH</chem> <chem>C8H7BrO2</chem> $M = 215,05$ g/mol assay (GC) 99 % melting range 104–106 °C	PF. 2914	100 g	160,—	136,—	128,—	120,—
5166 6.1/22 6.1 2811 3	4-Bromophenylacetic acid PROSYNTH® <i>Acide 4-bromophénylacétique / Acido 4-bromofenilacético</i> <chem>BrC6H4CH2COOH</chem> <chem>C8H7BrO2</chem> $M = 215,05$ g/mol assay (GC) 98 %	WG. 2914	100 g	110,—	93,50	88,—	82,50
5179 6.1/21A 6.1 1694 1	2-Bromophenylacetonitrile PROSYNTH® <i>2-Bromophénylacétonitrile / 2-Bromofenilacetoneitrilo</i> <chem>BrC6H4CH2CN</chem> <chem>C8H6BrN</chem> $M = 196,05$ g/mol $1\text{ L} \approx 1,52\text{ kg}$ assay (GC) 99 % boiling range (at 19 mbar) 145–147 °C	FL. 2927	50 ml	75,—	63,75	60,—	56,25
3953 6.1/21 6.1 2811 2	4-Bromophenylacetonitrile PROSYNTH® <i>4-Bromophénylacétonitrile / 4-Bromofenilacetoneitrilo</i> <chem>BrC6H4CH2CN</chem> <chem>C8H6BrN</chem> $M = 196,05$ g/mol assay (GC) 98 % melting range 46–49 °C	WG. WG. 2927	† 25 g 100 g	23,— 75,—	19,55 63,75	60,—	56,25
4359	4-Bromophenylhydrazinium chloride PROSYNTH® <i>Bromo-4-phénylhydrazine chlorhydrate / 4-Bromofenilhidracinio cloruro</i> <chem>BrC6H4NHNH2 · HCl</chem> <chem>C6H8BrClN2</chem> $M = 223,50$ g/mol assay (ex Cl) 99 % melting range 225–230 °C	WG. 2929	10 g	35,—	29,75	28,—	26,25
4725	3-Bromo-1-phenyl-1-propen PROSYNTH® <i>3-Bromo-1-phényl-1-propène / 3-Bromo-1-fenil-1-propeno</i> <chem>C6H5CH=CHCH2Br</chem> <chem>C9H9Br</chem> $M = 197,07$ g/mol assay (ex Br) 98 % melting range 26–29 °C keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera	WG. 2902	10 g	28,75	24,45	23,—	21,55
4456 6.1/21 6.1 2811 2	4-Bromophenyl iso-thiocyanate PROSYNTH® <i>4-Bromophényl iso-thiocyanate / 4-Bromofenil iso-tiocianato</i> <chem>BrC6H4NCS</chem> <chem>C7H4BrNS</chem> $M = 214,08$ g/mol assay (ex Br) 98 % melting range 56–58 °C	WG. 2931	10 g	66,50	56,55	53,20	49,90

35838	Bromophos-ethyl min. 99% PESTANAL® [0,0-Diethyl-0-(4-bromo-2,5-dichlorophenyl)-monophosphorothioate]	FL. 2921	2 g	85,50	72,70	68,40	6
A 6.1/81A							
C 6.1 1615 2	(C ₂ H ₅ O) ₂ P(S)OC ₆ H ₂ Cl ₂ Br C ₁₀ H ₁₂ BrCl ₂ O ₃ PS M = 394,05 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
	 R: 23/24/25 S: 2-13-44 disposal: 7						
35839	Bromophos-methyl min. 99% PESTANAL® [0,0-Dimethyl-0-(4-bromo-2,5-dichlorophenyl)-monophosphorothioate]	FL. 2921	1 g	56,50	48,05	45,20	4
A 6.1/81A							
C 6.1 1615 2	(CH ₃ O) ₂ P(S)OC ₆ H ₂ Cl ₂ Br C ₈ H ₈ BrCl ₂ O ₃ PS M = 366,00 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
	 R: 23/24/25 S: 2-13-44 disposal: 7						
	Bromophthalein see Bromosulphaleine						
60492	N-Bromophthalimide PROSYNTH® <i>N-Bromophthalimide / N-Bromoftalimida</i> C ₈ H ₄ CONBrCO C ₈ H ₄ BrNO ₂ M = 226,03 g/mol assay (ex Br) 98% melting range 206–208 °C	WG. 2926	100 g	95,—	80,75	76,—	71
60078	1-Bromopropane PROSYNTH® <i>Bromo-1-propane / 1-Bromopropano</i> CH ₃ CH ₂ CH ₂ Br C ₃ H ₇ Br M = 122,99 g/mol 1 L ≈ 1,35 kg assay (GC) 99% boiling range 70–71 °C refractive index (n _D ²⁰) 1,434	FL. FL. EKL. 2902	500 ml 2,5 L 40 kg	33,— 134,50 price on request	28,05 111,65	26,40 104,90	25, 100,
	  R: 11-26/27/28 S: 7/9-29-45 disposal: 7						
60079	2-Bromopropane PROSYNTH® <i>2-Bromopropane / 2-Bromopropano</i> CH ₃ CHBrCH ₃ C ₃ H ₇ Br M = 122,99 g/mol 1 L ≈ 1,31 kg assay (GC) 99% boiling range 59–63 °C, within 1 °C from 10–90% density (D ₄ ²⁰) 1,308–1,322	FL. FL. FL. 2902	† 500 ml 1 L † 2,5 L	38,25 50,— 159,—	34,05 42,50 141,50	32,15 40,— 133,55	30,2 38,5 125,6
	  R: 11-26/27/28 S: 7/9-29-45 disposal: 7						
02824	2-Bromopropane technical <i>2-Bromopropane / 2-Bromopropano</i> CH ₃ CHBrCH ₃ C ₃ H ₇ Br M = 122,99 g/mol 1 L ≈ 1,31 kg assay (GC) 99% boiling range 59–63 °C, within 1 °C from 10–90% density (D ₄ ²⁰) 1,308–1,322	EKL. F. 2902	40 kg 200 kg	price on request price on request			
	  R: 11-26/27/28 S: 7/9-29-45 disposal: 7						
64699	1-Bromo-2-propanol PROSYNTH® <i>1-Bromo-2-propanol / 1-Bromo-2-propanol</i> CH ₃ CH(OH)CH ₂ Br C ₃ H ₇ BrO M = 138,99 g/mol 1 L ≈ 1,53 kg R: 10 disposal: 7	FL. 2904	10 ml	17,—	14,45	13,60	12,75

62217 A 3/4 + 65 °C	3-Bromo-1-propanol PROSYNTH® <i>3-Bromo-1-propanol / 3-Bromo-1-propanol</i> Br(CH ₂) ₃ OH C ₃ H ₇ BrO <i>M</i> = 138,99 g/mol assay (GC) 75%	FL. 2904	100 ml	200,—	170,—	160,—	150,—
62218 A 6.1/4A C 3.2 1992 2 + 18 °C	3-Bromopropene PROSYNTH® <i>3-Bromopropène / 3-Bromopropeno</i> HC≡CCH ₂ Br C ₃ H ₃ Br <i>M</i> = 118,96 g/mol assay (GC) 98% boiling range 83—86 °C refractive index (n _D ²⁰) 1,494 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2902	100 ml	35,—	29,75	28,—	26,25
62804 A 6.1/4A C 3.2 1099 1 1 °C	3-Bromopropene <i>3-Bromopropène / 3-Bromopropeno</i> CH ₂ =CHCH ₂ Br C ₃ H ₅ Br <i>M</i> = 120,98 g/mol assay (GC) 99% keep cool à stocker au frais conservese frio	FL. FL. STPB 2902	500 ml 1 L 20 kg	42,75 77,50 price on request	36,35 65,90	34,20 62,—	32,90 59,70
62219 A 8/21A2 C 8 1760 2	2-Bromopropionic acid PROSYNTH® <i>Acide 2-bromopropionique / Acido 2-bromopropiónico</i> CH ₃ CHBrCOOH C ₃ H ₅ BrO ₂ <i>M</i> = 152,98 g/mol assay (GC) 99% boiling range (at 15 mbar) 100—102 °C refractive index (n _D ²⁰) 1,475	FL. 2914	250 ml	26,75	22,75	21,40	20,05
62627 A 8/21A C 8 1759 2	3-Bromopropionic acid PROSYNTH® <i>Acide 3-bromopropionique / Acido 3-bromopropiónico</i> BrCH ₂ CH ₂ COOH C ₃ H ₅ BrO ₂ <i>M</i> = 152,98 g/mol assay (GC) 98% melting range 60—62 °C	WG. STP. 2914	50 g 50 kg	8,75 price on request	7,45	7,—	6,55
63273 A 6.1/21 C 6.1 1935 1	3-Bromopropionitrile PROSYNTH® <i>3-Bromopropionitrile / 3-Bromopropionitrilo</i> BrCH ₂ CH ₂ CN C ₃ H ₄ BrN <i>M</i> = 133,98 g/mol assay (GC) 99% boiling range (at 15 mbar) 80—82 °C refractive index (n _D ²⁰) 1,480	FL. 2927	100 ml	54,50	46,35	43,60	40,90
	2-Bromo-1-propionylbenzene see 2-Bromopropiophenone						

Code Number
A) H.S.ADR
B) UN/ECE/ADR
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

62222 2-Bromopropionyl bromide PROSYNTH®
A 8/22 *2-Bromopropionyle bromure / 2-Bromopropionilo bromuro*
C 8 1760 2

CH3CHBrCOBr
C3H4Br2O $M = 215,87 \text{ g/mol}$ $1 \text{ L} \approx 2,06 \text{ kg}$
boiling range $152-154^\circ\text{C}$
assay (ex Br) 95%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2914

100 ml 30,— 25,50 24,— 22

15274 2-Bromopropionyl iso-butylester
A 6.1/61 *2-Bromopropionyle iso-butylester / 2-Bromopropionilo iso-*
C 3.3 1992 2 *butylester*

CH3CHBrCOOCH2CH(CH3)2
C7H13BrO2 $M = 209,08 \text{ g/mol}$ $1 \text{ L} \approx 1,42 \text{ kg}$
assay 99%
boiling range (of 13 mbar) $68-69^\circ\text{C}$

FL.
F.
2914

1 L price on request
200 kg price on request



R: 36/37/38 S: 26
disposal: 7

62223 2-Bromopropiophenone PROSYNTH®
A 6.1/23C *2-Bromopropiophénone / 2-Bromopropiofenona*
C 6.1 1693 3

BrC6H4COCH2CH3
C9H9BrO $M = 213,07 \text{ g/mol}$ $1 \text{ L} \approx 1,42 \text{ kg}$

FL.
2913

50 ml 90,50 76,95 72,40 67

63274 N-(3-Bromopropyl)phthalimide PROSYNTH®
N-(3-Bromopropyl)phthalimide / N-(3-Bromopropil)ftalimida

COC6H4CON(CH2)3Br
C11H10BrNO2 $M = 268,11 \text{ g/mol}$
assay (ex Br) 97%
melting range $71-73^\circ\text{C}$

WG.
2926

25 g 27,25 23,15 21,80 20

35804 Bromopyrazone min. 99% PESTANAL® [1-Phenyl-4-amino-5-bromopyridazinone-(6)]
 $N = \text{CHC}(\text{NH}_2) = \text{C}(\text{Br})\text{C}(\text{O})\text{NC}_6\text{H}_5$
C10H8BrN3O $M = 266,10 \text{ g/mol}$

FL.
2935

1 g 28,25 24,— 22,60 21

62224 2-Bromopyridine PROSYNTH®
A 3/3 *2-Bromopyridine / 2-Bromopiridina*
C 3.3 1992 2
+55°C

$N = \text{CBrCH} = \text{CHCH} = \text{CH}$
C5H4BrN $M = 158,00 \text{ g/mol}$ $1 \text{ L} \approx 1,64 \text{ kg}$
assay (GC) 98%
boiling range $191-194^\circ\text{C}$
refractive index (n_D^{20}) 1,572

FL.
2935

100 ml 114,— 96,90 91,20 85



R: 10-20/21/22 disposal: 7

62225 3-Bromopyridine PROSYNTH®
A 3/3 *3-Bromopyridine / 3-Bromopiridina*
C 3.3 1992 2
52°C

$N = \text{CHCBr} = \text{CHCH} = \text{CH}$
C5H4BrN $M = 158,00 \text{ g/mol}$ $1 \text{ L} \approx 1,65 \text{ kg}$
assay (GC) 99%
boiling range $171-174^\circ\text{C}$
refractive index (n_D^{20}) 1,571

FL.
2935

50 ml 209,— 177,65 167,20 150



R: 10-20/21/22 disposal: 7

62226 4-Bromopyridine hydrochloride PROSYNTH®
4-Bromopyridine chlorhydrate / 4-Bromopiridina
chlorhidrato

$N = \text{CHCH} = \text{CBrCH} = \text{CH} \cdot \text{HCl}$
C5H5BrClN $M = 194,46 \text{ g/mol}$

WG.
2935

10 g 46,50 39,55 37,20 34

33926 Bromopyrogallol red indicator for complexometry
Bromopyrogallol red / Bromo de bromopirigalol

FL.
3205

1 g 13,25 11,25 10,60 9

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
64283	Bromopyruvic acid PROSYNTH® <i>Acide bromopyruvique / Acido bromopirúvico</i> <chem>BrCH2COCOOH</chem> <chem>C3H3BrO3</chem> $M = 166,96$ g/mol assay (alkalimetric) 97% melting range 77–79 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2916	10 g	34,—	28,90	27,20 25,50
60493	N-Bromosaccharin PROSYNTH® <i>N-Bromosaccharine / N-Bromosacarina</i> <chem>C6H4CONBrSO2</chem> <chem>C7H4BrNO3S</chem> $M = 262,08$ g/mol assay (ex Br) 98% melting range 171–173 °C	WG. 2926	25 g	70,—	59,50	56,— 52,50
60494	5-Bromosalicylic acid PROSYNTH® <i>Acide 5-bromosalicylique / Acido 5-bromosalicílico</i> <chem>BrC6H3(COOH)(OH)</chem> <chem>C7H5BrO3</chem> $M = 217,02$ g/mol assay (alkalimetric) 98% melting range 159–162 °C	WG. 2916	100 g 1 kg	22,— 102,—	18,70 86,70	17,60 81,60 16,50 78,55
63275 A 6.1/62 C 6.1 2810 3	β-Bromostyrene PROSYNTH® mixture of <i>cis</i> - and <i>trans</i> -isomers <i>β-Bromostyrène / β-Bromoestireno</i> <chem>C6H5CH=CHBr</chem> <chem>C8H7Br</chem> $M = 183,05$ g/mol 1 L ≈ 1,42 kg assay (GC) 98% boiling range (at 27 mbar) 108–110 °C refractive index (n_D^{20}) 1,609	FL. 2902	100 ml	36,75	31,25	29,40 27,55
63276 A 6.1/62 C 6.1 2810 3	2-Bromostyrene PROSYNTH® stabilized <i>2-Bromostyrène / 2-Bromoestireno</i> <chem>BrC6H4CH=CH2</chem> <chem>C8H7Br</chem> $M = 183,05$ g/mol 1 L ≈ 1,42 kg assay (GC) 97% boiling range 204–207 °C refractive index (n_D^{20}) 1,593	FL. 2902	25 ml	193,—	164,05	154,40 144,75
63277 A 6.1/62 C 6.1 2810 3	3-Bromostyrene PROSYNTH® stabilized <i>3-Bromostyrène / 3-Bromoestireno</i> <chem>BrC6H4CH=CH2</chem> <chem>C8H7Br</chem> $M = 183,05$ g/mol 1 L ≈ 1,40 kg assay (GC) 97% boiling range (at 27 mbar) 90–94 °C refractive index (n_D^{20}) 1,593	FL. 2902	25 ml	240,—	204,—	192,— 180,—
63278 A 6.1/62 C 6.1 2810 3	4-Bromostyrene PROSYNTH® (stabilized) <i>4-Bromostyrène / 4-Bromoestireno</i> <chem>BrC6H4CH=CH2</chem> <chem>C8H7Br</chem> $M = 183,05$ g/mol 1 L ≈ 1,40 kg assay (GC) 97% boiling range (at 27 mbar) 100–103 °C refractive index (n_D^{20}) 1,595 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2902	25 ml	155,—	131,75	124,— 116,25
63279	Bromosuccinic acid PROSYNTH® <i>Acide bromosuccinique / Acido bromosuccínico</i> <chem>HOOCCH2CHBrCOOH</chem> <chem>C4H5BrO4</chem> $M = 196,99$ g/mol assay (alkalimetric) 98% melting range 161–162 °C	WG. 2915	25 g	43,75	37,20	35,— 32,80

Code-Number
 A) RIG/ADR
 B) GGVE/GGVS
 C) IMDG-CODE (GGVSee)

Type of package
 B.T.N.

Price per
 package DM

1x

6x
 (1 Box)

24x
 (4 Boxes)

96x
 (16 Boxes)

60081

N-Bromosuccinimide PROSYNTH®
N-Bromosuccinimide / N-Bromosuccinimida



C4H4BrNO2 $M = 177,99 \text{ g/mol}$

assay (iodometric) 98%
 melting range 175–179 °C (disint.)

WG.
 WG.
 FTP.
 2926

250 g 36,75 31,25 29,40 27,
 1 kg 120,— 102,— 96,— 92,—
 25 kg price on request

33078

Bromosulphaleine for microscopy
Bromosulfaléine / Bromosulfaleina

C20H8Br4Na2O10S2 $M = 838,00 \text{ g/mol}$

Bromosulphophthalein see Bromosulphaleine

FL.
 2903

1 g 11,25 9,55 9,— 8,—

63670

1-Bromotetradecane PROSYNTH®
1-Bromotétradécane / 1-Bromotetradecano



C14H29Br $M = 277,29 \text{ g/mol}$ 1 L \approx 1,01 kg

assay (GC) 97%
 boiling range (at 27 mbar) 175–178 °C
 refractive index (n_D^{20}) 1,460

FL.
 2902

500 ml 47,— 39,95 37,60 36,—

64731

2-Bromotetradecanoic acid PROSYNTH®
*Acide 2-bromotétradécanöique / Acido
 2-bromotetradecanóico*



C14H27BrO2 $M = 307,27 \text{ g/mol}$

assay (alkalimetric) 98%
 melting range 40–43 °C

WG.
 2914

25 g 41,25 35,05 33,— 30,—

61014

4-Bromo-3,3,4,4-tetrafluorobutene-(1) PROSYNTH®
*4-Bromo-3-3-4-4-tétrafluorobutène-(1) / 4-Bromo-3,3,4,4-
 tetrafluorobuteno-(1)*



C4H3BrF4 $M = 206,97 \text{ g/mol}$ 1 L \approx 1,63 kg

assay 99%

FL.
 2902

100 ml 207,— 175,95 165,60 155,—

61097

4-Bromotetrafluoroethoxybenzene PROSYNTH®
*4-Bromotétrafluoroéthoxybenzène /
 4-Bromotetrafluoroetoxibenceno*



C8H5BrF4O $M = 273,02 \text{ g/mol}$ 1 L \approx 1,65 kg

assay (GC) 99%
 boiling range (at 19 mbar) 58–60 °C

FL.
 2908

100 ml 91,50 77,80 73,20 68,—

64468

4-Bromothioanisole PROSYNTH®
4-Bromothioanisole / 4-Bromotioanisol



C7H7BrS $M = 203,10 \text{ g/mol}$

assay (GC) 97%
 melting range 38–40 °C

WG.
 2931

25 g 317,— 269,45 253,60 237,—

62227

2-Bromothiophene PROSYNTH®
2-Bromothiophène / 2-Bromotiofeno



C4H3BrS $M = 163,04 \text{ g/mol}$ 1 L \approx 1,68 kg

assay (GC) 95%
 boiling range 149–151 °C
 refractive index (n_D^{20}) 1,586

FL.
 F.
 2935

50 ml 108,— 91,80 86,40 8,—
 200 kg price on request



R: 10-20/21/22 disposal: 7






Code-Number

A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

64451	3-Bromothiophene PROSYNTH® <i>3-Bromothiophène / 3-Bromotiofeno</i>	FL. 2935	5 ml	40,50	34,45	32,40	30,40
A 3/3							
C 3.3 1992 2	C_4H_3BrS $M = 163,04$ g/mol						
+52 °C	$SCH = CBrCH = CH$ assay (GC) 97% boiling range 149–151 °C refractive index (n_D^{20}) 1,593						
	 R: 10-20/21/22 disposal: 7						
65185	5-Bromothiophenecarbaldehyde-2 PROSYNTH® <i>Bromo-5-thiophèncarbaldehyde-2 /</i> <i>5-Bromothiophenocarbaldehido-2</i>	FL. 2935	100 ml	208,—	176,80	166,40	156,—
A 3/4							
C 6.1 2810 3	C_5H_3BrOS $M = 191,05$ g/mol						
+98 °C	$SC(CHO) = CHCH = CBr$ assay (GC) 98% boiling range (at 13 mbar) 111–113 °C refractive index (n_D^{20}) 1,638						
63960	2-Bromothiophenol PROSYNTH® <i>2-Bromothiophénol / 2-Bromotiofenol</i>	FL. 2931	5 g	45,75	38,90	36,60	34,30
A 6.1/13C							
C 6.1 2021 3	BrC_6H_4SH C_6H_5BrS $M = 189,08$ g/mol						
	assay (GC) 98% boiling range (at 15 mbar) 96–98 °C						
	 R: 23/24/25 S: 44 disposal: 15						
32714	Bromothymol blue indicator, Reag. Ph. Eur. I <i>Bleu de bromothymol / Azul de bromotimol</i>	WG. WG. WG. 2937	5 g 10 g 25 g	14,25 23,75 53,—	12,10 20,20 45,05	11,40 19,— 42,40	10,70 17,80 39,75
	$C_{27}H_{28}Br_2O_5S$ $M = 624,39$ g/mol						
32774	Bromothymol blue water-soluble <i>Bleu de bromothymol / Azul de bromotimol</i>	FL. 3205	5 g	21,50	18,30	17,20	16,15
	$C_{27}H_{27}Br_2NaO_5S$ $M = 646,37$ g/mol						
62228	2-Bromotoluene PROSYNTH® <i>2-Bromotoluène / 2-Bromotolueno</i>	FL. 2902	100 ml	80,—	68,—	64,—	60,—
A 3/4							
+79 °C	$BrC_6H_4CH_3$ C_7H_7Br $M = 171,04$ g/mol						
	assay (GC) 99% boiling range 179–181 °C refractive index (n_D^{20}) 1,556						
	 R: 36/37/38 S: 26 disposal: 7						
62229	3-Bromotoluene PROSYNTH® <i>3-Bromotoluène / 3-Bromotolueno</i>	FL. 2902	100 ml	129,—	109,65	103,20	96,75
A 3/4							
+81 °C	$BrC_6H_4CH_3$ C_7H_7Br $M = 171,04$ g/mol						
	assay (GC) 99% boiling range 182–184 °C refractive index (n_D^{20}) 1,552						
	 R: 36/37/38 S: 26 disposal: 7						
62230	4-Bromotoluene PROSYNTH® <i>4-Bromotoluène / 4-Bromotolueno</i>	FL. 2902	100 ml	34,—	28,90	27,20	25,50
A 3/4							
+85 °C	$BrC_6H_4CH_3$ C_7H_7Br $M = 171,04$ g/mol						
	assay (GC) 99% melting range 25–27 °C						
	 R: 36/37/38 S: 26 disposal: 7						

Code-Number

A. HIO/ADR
B. GIVE/GOVS
C. INDG-CODE (GGVStag)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96
(16 Boxes)

62231 Bromotrichloromethane PROSYNTH®
Bromotrichlorométhane / Bromotrichlorometano

A 8.1/81A

C 8.1 2810 2

CBrCl_3 $M = 198,27 \text{ g/mol}$ $1 \text{ L} \approx 2,00 \text{ kg}$
assay (GC) 98%



R: 20/21/22 S: 28
disposal: 13

FL.
2902

100 ml 36,25 30,80 29,— 27,

64361 1-Bromotridecane PROSYNTH®
Bromo-1-tridécane / 1-Bromotridecano

$\text{CH}_3(\text{CH}_2)_{12}\text{Br}$
 $\text{C}_{13}\text{H}_{27}\text{Br}$ $M = 263,26 \text{ g/mol}$ $1 \text{ L} \approx 1,03 \text{ kg}$
 $\text{CH}_3(\text{CH}_2)_{12}\text{Br}$
assay (GC) 95%
boiling range (at 13 mbar) 148—150 °C
refractive index (n_D^{20}) 1,459

FL.
2902

10 ml 36,75 31,25 29,40 27,

2-Bromo-1,3,5-trimethylbenzene see 2-Bromomesitylene

64363 1-Bromoundecane PROSYNTH®
Bromo-1-undécane / 1-Bromoundecano

$\text{CH}_3(\text{CH}_2)_{10}\text{Br}$
 $\text{C}_{11}\text{H}_{23}\text{Br}$ $M = 235,21 \text{ g/mol}$ $1 \text{ L} \approx 1,05 \text{ kg}$
assay (GC) 98%
boiling range (at 13 mbar) 112—114 °C
refractive index (n_D^{20}) 1,456

FL.
F.
2902

100 ml 60,— 51,— 48,— 45,
200 kg price on request

64734 2-Bromoundecanoic acid PROSYNTH®
Acide 2-bromoundécanoïque / Acido 2-bromoundecanóico

$\text{CH}_3(\text{CH}_2)_9\text{CHBrCOOH}$
 $\text{C}_{11}\text{H}_{21}\text{BrO}_2$ $M = 265,19 \text{ g/mol}$
assay (alkalimetric) 97%
boiling range (at 19 mbar) 178—181 °C

FL.
2914

25 g 19,75 16,80 15,80 14,

63280 11-Bromoundecanoic acid PROSYNTH®
Acide 11-bromoundécanoïque / Acido 11-bromoundecanóico

$\text{Br}(\text{CH}_2)_{10}\text{COOH}$
 $\text{C}_{11}\text{H}_{21}\text{BrO}_2$ $M = 265,19 \text{ g/mol}$
assay (alkalimetric) 98%
melting range 46—48 °C

PF.
2914

250 g 64,— 54,40 51,20 48,

39312 5-Bromouracil BIOSYNTH®
5-Bromouracile / 5-Bromouracilo

$\text{N}=\text{C}(\text{OH})\text{N}=\text{C}(\text{OH})\text{CBr}=\text{CH}$
 $\text{C}_4\text{H}_3\text{BrN}_2\text{O}_2$ $M = 190,98 \text{ g/mol}$

FL.
2935

5 g 26,— 22,10 20,80 19,

63268 2-Bromovaleric acid PROSYNTH®
Acide 2-bromovalérique / Acido 2-bromovalérico

A 8/21A

C 8 1759 2

$\text{CH}_3(\text{CH}_2)_2\text{CHBrCOOH}$
 $\text{C}_5\text{H}_9\text{BrO}_2$ $M = 181,03 \text{ g/mol}$ $1 \text{ L} \approx 1,43 \text{ kg}$
assay (alkalimetric) 97%
boiling range (at 33 mbar) 133—135 °C

FL.
2914

100 ml 77,50 65,90 62,— 58,

02879 2-Bromo-iso-valeric acid
Acide 2-bromo-iso-valérique / Acido 2-bromo-iso-valérico

$(\text{CH}_3)_2\text{CHCHBrCOOH}$
 $\text{C}_5\text{H}_9\text{BrO}_2$ $M = 181,03 \text{ g/mol}$ $1 \text{ L} \approx 1,46 \text{ kg}$

FL.
2914

1 L price on request

63281 5-Bromovanillin PROSYNTH®
5-Bromovanilline / 5-Bromovainillina

$\text{CH}_3\text{OC}_6\text{H}_3\text{Br}(\text{OH})\text{CHO}$
 $\text{C}_8\text{H}_7\text{BrO}_3$ $M = 231,05 \text{ g/mol}$
assay (GC) 98%
melting range 164—165 °C

WG.
2912

25 g 43,25 36,75 34,60 32,

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
1473	4-Bromoveratrole PROSYNTH® <i>4-Bromovératrole / 4-Bromoveratrol</i> $\text{BrC}_6\text{H}_3(\text{OCH}_3)_2$ $\text{C}_6\text{H}_3\text{BrO}_2$ $M = 217,06 \text{ g/mol}$ $1 \text{ L} \approx 1,51 \text{ kg}$ assay (GC) 97% boiling range 255–258 °C refractive index (n_D^{20}) 1,574	FL. 2908	5 ml	25,75	21,90	20,60	19,30
	(2-Bromovinyl)benzene see β-Bromostyrene 2-Bromo-1-vinylbenzene see 2-Bromostyrene 3-Bromo-1-vinylbenzene see 3-Bromostyrene 4-Bromo-1-vinylbenzene see 4-Bromostyrene Bromoxine see 5,7-Dibromo-8-hydroxyquinoline						
2523	2-Bromo-m-xylene PROSYNTH® <i>2-Bromo-m-xylène / 2-Bromo-m-xileno</i> $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{Br}$ $\text{C}_8\text{H}_9\text{Br}$ $M = 185,06 \text{ g/mol}$ $1 \text{ L} \approx 1,36 \text{ kg}$ assay (GC) 98% boiling range 205–207 °C refractive index (n_D^{20}) 1,555	FL. 2902	25 ml	60,—	51,—	48,—	45,—
2498	3-Bromo-o-xylene PROSYNTH® <i>3-Bromo-o-xylène / 3-Bromo-o-xileno</i> $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{Br}$ $\text{C}_8\text{H}_9\text{Br}$ $M = 185,06 \text{ g/mol}$ $1 \text{ L} \approx 1,36 \text{ kg}$ assay (GC) 98% boiling range 212–214 °C refractive index (n_D^{20}) 1,560	FL. 2902	25 ml	75,—	63,75	60,—	56,25
3263	4-Bromo-o-xylene PROSYNTH® <i>4-Bromo-o-xylène / 4-Bromo-o-xileno</i> $\text{BrC}_6\text{H}_3(\text{CH}_3)_2$ $\text{C}_8\text{H}_9\text{Br}$ $M = 185,06 \text{ g/mol}$ $1 \text{ L} \approx 1,37 \text{ kg}$ assay (GC) 95% boiling range 213–215 °C refractive index (n_D^{20}) 1,553	FL. 2902	100 ml	86,—	73,10	68,80	64,50
3264	4-Bromo-m-xylene PROSYNTH® <i>4-Bromo-m-xylène / 4-Bromo-m-xileno</i> $\text{BrC}_6\text{H}_3(\text{CH}_3)_2$ $\text{C}_8\text{H}_9\text{Br}$ $M = 185,06 \text{ g/mol}$ $1 \text{ L} \approx 1,35 \text{ kg}$ assay (GC) 98% boiling range 203–205 °C refractive index (n_D^{20}) 1,553	FL. 2902	50 ml	74,50	63,35	59,60	55,90
33749	BTC (Blue tetrazolium chloride) <i>BTC (Bleu de tétrazolium chlorure) / BTC (Azul de tetrazolio cloruro)</i> $\text{C}_4\text{H}_3\text{Cl}_2\text{N}_5\text{O}_2$ $M = 727,65 \text{ g/mol}$ FIXANAL® Buffer see Buffer FIXANAL®	FL. 2930	1 g	23,75	20,20	19,—	17,80
	Buffer FIXANAL® <i>Tampons FIXANAL®</i> <i>Tampones FIXANAL®</i> for preparation of 500 ml buffer solution <i>pour la préparation de 500 ml solution tampon</i> <i>para la preparación de 500 ml solución tampón</i>						
38740	Buffer pH 1,00 FIXANAL® <i>Tampon pH 1,00 / Tampón pH 1,00</i>	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						

Code Number A: R.C. ADR B: GGVV/GGVS C: IMDG CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	
38741	Buffer pH 2,00 FIXANAL® Tampon pH 2,00 / Tampón pH 2,00	ampoule	3819	1 pack	10,25	8,70	8,20
38742	Buffer pH 3,00 FIXANAL® Tampon pH 3,00 / Tampón pH 3,00	ampoule	3819	1 pack	10,25	8,70	8,20
38743	Buffer pH 4,00 FIXANAL® Tampon pH 4,00 / Tampón pH 4,00	ampoule	3819	1 pack	10,25	8,70	8,20
38744	Buffer pH 5,00 FIXANAL® Tampon pH 5,00 / Tampón pH 5,00	ampoule	3819	1 pack	10,25	8,70	8,20
38745	Buffer pH 6,00 FIXANAL® Tampon pH 6,00 / Tampón pH 6,00	ampoule	3819	1 pack	10,25	8,70	8,20
38746	Buffer pH 7,00 FIXANAL® Tampon pH 7,00 / Tampón pH 7,00	ampoule	3819	1 pack	10,25	8,70	8,20
38747	Buffer pH 8,00 FIXANAL® Tampon pH 8,00 / Tampón pH 8,00	ampoule	3819	1 pack	10,25	8,70	8,20
38748	Buffer pH 9,00 FIXANAL® Tampon pH 9,00 / Tampón pH 9,00	ampoule	3819	1 pack	10,25	8,70	8,20
38749	Buffer pH 10,00 FIXANAL® Tampon pH 10,00 / Tampón pH 10,00	ampoule	3819	1 pack	10,25	8,70	8,20
38750	Buffer pH 11,00 FIXANAL® Tampon pH 11,00 / Tampón pH 11,00	ampoule	3819	1 pack	10,25	8,70	8,20
	 R: 36/38 S: 2-26 disposal: 3						
38751	Buffer pH 12,00 FIXANAL® Tampon pH 12,00 / Tampón pH 12,00	ampoule	3819	1 pack	10,25	8,70	8,20
	 R: 36/38 S: 2-26 disposal: 3						
38752	Buffer pH 13,00 FIXANAL® Tampon pH 13,00 / Tampón pH 13,00	ampoule	3819	1 pack	10,25	8,70	8,20
	 R: 36/38 S: 2-26 disposal: 3						
	for preparation of 1 L buffer solution pour la préparation de 1 L solution tampon para la preparación de 1 L solución tampón						
38785	Buffer pH 7,2 FIXANAL® according to Weise Tampon pH 7,2 / Tampón pH 7,2	bottle	3819	1 pack	10,25	8,70	8,20

Number R GV9 ODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
<p>for preparation of 10 L buffer solution for the Amino- acid analysis according to Stein and Moore pour la préparation de 10 L solution tampon pour l'analyse acides aminés d'après Stein et Moore para la preparación de 10 L solución tampón para el análisis del ácido aminico según Stein y Moore</p>						
5	Buffer pH 2,20 (0,20 N) FIXANAL® Tampon pH 2,20 (0,20 N) / Tampón pH 2,20 (0,20 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
6	Buffer pH 3,25 (0,20 N) FIXANAL® Tampon pH 3,25 (0,20 N) / Tampón pH 3,25 (0,20 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
1	Buffer pH 3,28 (0,20 N) FIXANAL® Tampon pH 3,28 (0,20 N) / Tampón pH 3,28 (0,20 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
2	Buffer pH 4,25 (0,20 N) FIXANAL® Tampon pH 4,25 (0,20 N) / Tampón pH 4,25 (0,20 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
13	Buffer pH 4,26 (0,38 N) FIXANAL® Tampon pH 4,26 (0,38 N) / Tampón pH 4,26 (0,38 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
34	Buffer pH 5,28 (0,35 N) FIXANAL® Tampon pH 5,28 (0,35 N) / Tampón pH 5,28 (0,35 N) bottle	3819	1 pack 33,—	28,05	26,40	24,75
<p>Buffer solutions ready-for-use Solutions tampons prêtes à l'usage Soluciones tampón listas para el uso</p>						
92	Standard buffer solution pH 1,679 (25 °C) Solution tampon étalon pH 1,679 (25 °C) / Solución estandarizada tampón pH 1,679 (25 °C) 0,05 M Potassium tetroxalate (DIN 19266) with fungicide plastic bottle of 1 L	3819	1 pack 25,25	21,45	20,20	18,95
96	Standard buffer solution pH 3,776 (25 °C) Solution tampon étalon pH 3,776 (25 °C) / Solución estandarizada tampón pH 3,776 (25 °C) 0,05 M Potassium dihydrogen citrate (DIN 19266) with fungicide plastic bottle of 1 L	3819	1 pack 25,25	21,45	20,20	18,95
593	Standard buffer solution pH 4,008 (25 °C) Solution tampon étalon pH 4,008 (25 °C) / Solución estandarizada tampón pH 4,008 (25 °C) 0,05 M Potassium hydrogen phthalate (DIN 19266) with fungicide plastic bottle of 1 L	3819	1 pack 25,25	21,45	20,20	18,95
594	Standard buffer solution pH 6,865 (25 °C) Solution tampon étalon pH 6,865 (25 °C) / Solución estandarizada tampón pH 6,865 (25 °C) 0,025 M Potassium dihydrogen phosphate 0,025 M di-Sodium hydrogen phosphate (DIN 19266) with fungicide plastic bottle of 1 L	3819	1 pack 25,25	21,45	20,20	18,95



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Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes)

33597	Standard buffer solution pH 7,413 (25° C) <i>Solution tampon étalon pH 7,413 (25° C) /</i> <i>Solución estandarizada tampón pH 7,413 (25° C)</i> 0,009 M Potassium dihydrogen phosphate 0,032 M di-Sodium hydrogen phosphate (DIN 19266) plastic bottle of 1 L	3819	1 pack	25,25	21,45	20,20	
33595	Standard buffer solution pH 9,180 (25° C) <i>Solution tampon étalon pH 9,180 (25° C) /</i> <i>Solución estandarizada tampón pH 9,180 (25° C)</i> 0,01 M Sodium tetraborate (DIN 19266) plastic bottle of 1 L	3819	1 pack	25,25	21,45	20,20	
33540	Buffer solution pH 1,00 <i>Solution tampon pH 1,00 / Solución tampón pH 1,00</i> (hydrochloric acid/potassium chloride) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33541	Buffer solution pH 2,00 <i>Solution tampon pH 2,00 / Solución tampón pH 2,00</i> (citric acid/hydrochloric acid/sodium chloride) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33542	Buffer solution pH 3,00 <i>Solution tampon pH 3,00 / Solución tampón pH 3,00</i> (citric acid/sodium hydroxide solution/sodium chloride) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33543	Buffer solution pH 4,00 <i>Solution tampon pH 4,00 / Solución tampón pH 4,00</i> (citric acid/sodium hydroxide solution/sodium chloride) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33544	Buffer solution pH 5,00 <i>Solution tampon pH 5,00 / Solución tampón pH 5,00</i> (citric acid/sodium hydroxide solution) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33545	Buffer solution pH 6,00 <i>Solution tampon pH 6,00 / Solución tampón pH 6,00</i> (citric acid/sodium hydroxide solution) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33546	Buffer solution pH 7,00 <i>Solution tampon pH 7,00 / Solución tampón pH 7,00</i> (potassium dihydrogen phosphate/di-Sodium hydrogen phosphate) with fungicide plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33547	Buffer solution pH 8,00 <i>Solution tampon pH 8,00 / Solución tampón pH 8,00</i> (sodium tetraborate/hydrochloric acid) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33548	Buffer solution pH 9,00 <i>Solution tampon pH 9,00 / Solución tampón pH 9,00</i> (sodium tetraborate/hydrochloric acid) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33549	Buffer solution pH 10,00 <i>Solution tampon pH 10,00 / Solución tampón pH 10,00</i> (sodium tetraborate/sodium hydroxide solution) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33550	Buffer solution pH 11,00 <i>Solution tampon pH 11,00 / Solución tampón pH 11,00</i> (glycine/sodium hydroxide solution/sodium chloride) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	
33551	Buffer solution pH 12,00 <i>Solution tampon pH 12,00 / Solución tampón pH 12,00</i> (glycine/sodium hydroxide solution/sodium chloride) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	

refer explanations

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					(1 Box)	(4 Boxes)	(16 Boxes)
3552	Buffer solution pH 13,00 <i>Solution tampon pH 13,00 / Solución tampón pH 13,00</i> (glycine/sodium hydroxide solution/sodium chloride) plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	15,40
36050	Buffer solution pH 4,62 (sodium acetate/acetic acid) according to Michaelis <i>Solution tampon pH 4,62 / Solución tampón pH 4,62</i> plastic bottle of 1 L	3819	1 pack	20,50	17,45	16,40	15,40
33581	Acetate buffer solution pH 4,6 <i>Solution tampon d'acétate pH 4,6 / Acetato-solución tampón pH 4,6</i> for the complexometry plastic bottle of 1 L	3819	1 pack	22,—	18,70	17,60	16,50
33582 C 8 2672 3	Ammonia buffer solution pH 10 <i>Solution tampon d'ammoniaque pH 10 / Amoniaco- solución tampón pH 10</i> for the complexometry plastic bottle of 1 L	3819	1 pack	22,—	18,70	17,60	16,50
Buffer substances and buffer solutions Complete range see appendix							
Buffer tablets see IDRANAL® Indicator buffer tablets							
64364	1,4-Butanedi ammonium dichloride PROSYNTH® <i>Butanedi amine-1-4-dichlorhydrate / 1,4-Butanodiamonio dicloruro</i> $H_2N(CH_2)_4NH_2 \cdot 2HCl$ $C_4H_{14}Cl_2N_2$ $M = 161,07$ g/mol assay 99% melting range 301—303 °C Butanedioic acid disodium salt see Succinic acid disodium salt Butanediol-(1,3) see 1,3-Butylene glycol Butanediol-(1,4) see 1,4-Butylene glycol	WG. 2922	25 g	24,75	21,05	19,80	18,55
39602	1,4-Butanediol adipate for gas chromatography <i>1-4-Butanediol adipate / 1,4-Butanodiol adipato</i> $[-O(CH_2)_4OCO(CH_2)_4CO-]_n$ $(C_{10}H_{18}O_4)_n$ $M = (200,23)_n$ g/mol working temperature 60 to 225 °C	WG. 2915	25 g	65,50	55,70	52,40	49,15
39613	1,4-Butanediol succinate for gas chromatography <i>1-4-Butanediol succinate / 1,4-Butanodiol succinato</i> $[-O(CH_2)_4OCOCH_2CH_2CO-]_n$ $(C_8H_{12}O_4)_n$ $M = (172,18)_n$ g/mol working temperature 100 to 200 °C Butanedione see Diacetyl Butanetetrole see meso-Erythritol	WG. 2915	25 g	43,75	37,20	35,—	32,80
62232 A 3/1A C 3.2 2347 2	Butanethiol-(1) PROSYNTH® <i>Butanethiol-(1) / Butanotiol-(1)</i> $CH_3(CH_2)_3SH$ $C_4H_{10}S$ $M = 90,19$ g/mol 1 L ≈ 0,84 kg assay (GC) 98% boiling range 96—98 °C refractive index (n_D^{20}) 1,443	FL. 2931	1 L	53,—	45,05	42,40	40,80
  R: 11-20/21/22 S: 26-28 disposal: 15							

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B.T.N.

Price per
package DM

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(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

9x
(16 Boxes)

62233 Butanethiol-(2) PROSYNTH®
A 3/1A *Butanethiol-(2) / Butanotiol-(2)*
C 3.2 1993 2 CH3CH2CH(SH)CH3
-10°C C4H10S $M = 90,19 \text{ g/mol}$ **1 L ≈ 0,83 kg**
assay (GC) 97%
boiling range 83–85 °C
refractive index (n_D^{20}) 1,437



R: 11-20/21/22 S: 26-28
disposal: 15

Butanimide see Succinimide

Butanoic acid see Butyric acid

33065 Butanol-(1) R. G. Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
A 3/3 *Butanol1 / 1-Butanol*
C 3.3 1120 2 CH3(CH2)3OH
+34°C C4H10O $M = 74,12 \text{ g/mol}$ **1 L ≈ 0,81 kg**

assay (GC) min. 99,5%
boiling range 116–118 °C
density (D_4^{20}) 0,808–0,812
refractive index (n_D^{20}) 1,3990–1,4000
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,1%
free acid (as C3H7COOH) max. 0,005%
aluminium (Al) max. 0,00005%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,000002%
cadmium (Cd) max. 0,000005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,000002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,000002%
copper (Cu) max. 0,000002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,000002%
nickel (Ni) max. 0,000002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
reaction to sulphuric acid passes test
aldehydes and cetones (as C3H7CHO) max. 0,03%
butanol-(2) max. 0,05%
iso-butanol max. 0,05%
n-butyraldehyde max. 0,01%
carbonyl compounds (as O) max. 0,02%
di-*n*-butylether max. 0,05%



R: 10-20 S: 16
disposal: 6

30843 Butanol-(1) min. 99,9% for gas chromatography
A 3/3 *Butanol-(1) / Butanol-(1)*
C 3.3 1120 2 CH3(CH2)3OH
+34°C C4H10O $M = 74,12 \text{ g/mol}$ **1 L ≈ 0,81 kg**



R: 10-20 S: 16
disposal: 6

34931 Butanol-(1) SPECTRANAL®
A 3/3 *Butanol-(1) / Butanol-(1)*
C 3.3 1120 2 CH3(CH2)3OH
+34°C C4H10O $M = 74,12 \text{ g/mol}$ **1 L ≈ 0,81 kg**
assay (GC) min. 99,7%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,02%
free acid (as CH3CH2CH2COOH) max. 0,002%
suitability for UV-spectroscopy
transmittance (1 cm cell; reference: water)
transmittance/wave-length (nm)
min. 25%/210, min. 65%/230, min. 95%/250,
min. 98%/from 270
suitability for IR spectroscopy passes test








R: 10-20 S: 16
disposal: 6






FL. 100 ml 12,— 10,20 9,60 9
2931

FL. 1 L 26,50 22,55 20,65 19
FL. 2,5 L 56,— 46,50 43,70 42
EKL. 20 kg kg 13,80
2904


FL. 5 ml 51,50 43,80 41,20 38
2904

FL. 2,5 L 147,50 122,45 115,05 110
2904

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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
4867	Butanol-(1) CHROMASOLV® for chromatography (UV-detection)	FL.	1 L	32,—	27,20	25,60	24,65
3/3		2904					
3.3 1120 2	Butanol-(1) / Butanol-(1)						
-34°C	CH ₃ (CH ₂) ₃ OH C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,81 kg assay (GC) min. 99,7% non-volatile matter max. 0,001% free acid (as CH ₃ CH ₂ CH ₂ COOH) max. 0,002% water (according to Karl Fischer) max. 0,1% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/210, min. 50%/224, min. 20%/210, min. 50%/230, min. 80%/235, min. 98%/from 310						
	 R: 10-20 S: 16 disposal: 6						
4124	Butanol-(1) 98-100%	FL.	1 L	19,75	16,80	15,80	15,20
3/3	Butanol-(1) / Butanol-(1)	FL.	2,5 L	36,—	29,90	28,10	27,—
3.3 1120 2	CH ₃ (CH ₂) ₃ OH	EKL.	20 kg	kg	5,65		
-34°C	C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,81 kg assay (GC) 99% boiling range 116—118 °C density (D ₄ ²⁰) 0,808—0,812 refractive index (n _D ²⁰) 1,3990—1,4000 non-volatile matter 0,001%	EKL.	5x	kg	5,20		
	 R: 10-20 S: 16 disposal: 6	F.	160 kg	kg	4,60		
		2904					
33066	Butanol-(2) R. G.	FL.	1 L	19,50	16,60	15,60	15,—
3/3	Butanol-2 / 2-Butanol	2904					
3.3 1121 2	C ₂ H ₅ CH(OH)CH ₃						
+24°C	C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,80 kg assay (GC) min. 99% boiling range 98,5—100,0 °C density (D ₄ ²⁰) 0,806—0,808 refractive index (n _D ²⁰) 1,3970—1,3980 non-volatile matter max. 0,005% water (according to Karl Fischer) max. 0,2%						
	 R: 10-20 S: 16 disposal: 6						
4126	Butanol-(2)	FL.	1 L	18,50	15,75	14,80	14,25
3/3	Butanol-(2) / Butanol-(2)	EKL.	20 kg	kg	4,55		
3.3 1121 2	C ₂ H ₅ CH(OH)CH ₃	F.	165 kg	kg	3,60		
+24°C	C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,80 kg assay (GC) 99% boiling range 98,5—100,0 °C density (D ₄ ²⁰) 0,806—0,808 refractive index (n _D ²⁰) 1,3970—1,3980 non-volatile matter 0,005%	2904					
	 R: 10-20 S: 16 disposal: 6						
33064	iso-Butanol R. G.	FL.	1 L	28,25	24,—	22,60	21,75
3/3	iso-Butanol / iso-Butanol	FL.	2,5 L	59,—	48,95	46,—	44,25
3.3 1212 2	(CH ₃) ₂ CHCH ₂ OH	EKL.	20 kg	kg	12,—		
+28°C	C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,80 kg assay (GC) min. 99% boiling range 106—109 °C density (D ₄ ²⁰) 0,801—0,804 refractive index (n _D ²⁰) 1,3960—1,3970 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,05% free acid (as C ₃ H ₇ COOH) max. 0,02% fluorescence passes test	2904					
	 R: 10-20 S: 16 disposal: 6						

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24125	iso-Butanol	FL.	1 L	17,25	14,65	13,80	1
A 3/3	iso-Butanol / iso-Butanol	FL.	2,5 L	36,25	30,10	28,30	2
C 3.3 1212 2	(CH ₃) ₂ CHCH ₂ OH	EKL.	20 kg	kg	4,60		
+28 °C	C ₄ H ₁₀ O M = 74,12 g/mol	EKL.	5x	kg	4,30		
	assay (GC)	F.	160 kg	kg	3,60		
	boiling range	2904					
	density (D ₄ ²⁰)						
	refractive index (n _D ²⁰)						
	non-volatile matter						
	 R: 10-20 S: 16 disposal: 6						
33067	tert.-Butanol R. G., Reag. Ph. Eur. I	ALU.	1 L	27,25	23,15	21,80	21
A 3/5	tert.-Butanol / terc.-Butanol	2904					
C 3.2 1122 2	(CH ₃) ₃ COH						
+11 °C	C ₄ H ₁₀ O M = 74,12 g/mol						
	assay (GC)						
	congealing range						
	boiling range						
	density (D ₄ ²⁵)						
	refractive index (n _D ²⁵)						
	non-volatile matter						
	water (according to Karl Fischer)						
	free acid (as C ₃ H ₇ COOH)						
	aluminium (Al)						
	barium (Ba)						
	lead (Pb)						
	boron (B)						
	cadmium (Cd)						
	calcium (Ca)						
	chromium (Cr)						
	iron (Fe)						
	cobalt (Co)						
	copper (Cu)						
	magnesium (Mg)						
	manganese (Mn)						
	nickel (Ni)						
	zinc (Zn)						
	tin (Sn)						
	butanol-(2)						
	  R: 11-20 S: 9-16 disposal: 6						
24127	tert.-Butanol	ALU.	1 L	20,25	17,20	16,20	15,6
A 3/5	tert.-Butanol / terc.-Butanol	EKS.	30 kg	kg	6,25		
C 3.2 1122 2	(CH ₃) ₃ COH	2904					
+11 °C	C ₄ H ₁₀ O M = 74,12 g/mol						
	assay (GC)						
	boiling range						
	density (D ₄ ²⁵)						
	refractive index (n _D ²⁵)						
	non-volatile matter						
	  R: 11-20 S: 9-16 disposal: 6						
	Butanon-(2) see Methyl ethyl ketone						
	Butene-(2)-acid see Crotonic acid						
	Butene-(2)-al-(1) see Crotonaldehyde						
	cis-Butenedioic acid see Maleic acid						
	Butenedioic acid see Fumaric acid						
15222	Butene-(2)-diol-(1,4) pure	FL.	1 L	43,75	37,20	35,—	33,70
	Butene-(2)-diol-(1,4) / Buteno-(2)-diol-(1,4)	2904					
	HOCH ₂ CH = CHCH ₂ OH						
	C ₄ H ₈ O ₂ M = 88,11 g/mol						
	1 L ≈ 1,07 kg						
	Butene-(2)-ol-(1) see Crotyl alcohol						
	Butene-(1)-on-(3) see Methyl vinyl ketone						
	trans-2-Butenoic acid see Crotonic acid						

refer explanations

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2234 8/21 C 8 1760 2	3-Butenoic acid PROSYNTH[®] , stabilized with hydroquinone (5 g/l) <i>Acide 3-buténoïque / Acido 3-butenóico</i> <chem>CH2=CHCH2COOH</chem> <chem>C4H6O2</chem> $M = 86,09$ g/mol $1\text{ L} \approx 1,01$ kg assay (alkalimetric) 95% boiling range 160–163 °C refractive index (n_D^{20}) 1,423 <i>n</i> -Butylether see Di- <i>n</i> -butylether	FL. 2914	100 ml	113,50	96,50	90,80	85,15
4233	4-Butoxyacetophenone PROSYNTH[®] <i>4-Butoxyacétophénone / 4-Butoxiacetofenona</i> <chem>CH3(CH2)3OC6H4COCH3</chem> <chem>C12H16O2</chem> $M = 192,26$ g/mol $1\text{ L} \approx 1,02$ kg	FL. 2913	10 ml	28,25	24,—	22,60	21,20
4763 6.1/21 6.1 2810 2	4-Butoxyaniline PROSYNTH[®] <i>4-Butoxyaniline / 4-Butoxianilina</i> <chem>CH3(CH2)3OC6H4NH2</chem> <chem>C10H15NO</chem> $M = 165,23$ g/mol $1\text{ L} \approx 1,00$ kg  R: 23/24/25 S: 44 disposal: 19	FL. 2923	100 ml	43,75	37,20	35,—	32,80
9068	N-(tert.-Butoxycarbonyl)-L-alanine BIOSYNTH[®] <i>N-(tert.-Butoxycarbonyl)-L-alanine / N-(terc.-Butoxicarbonil)-L-alanina</i> <chem>CH3CH(NHCOOC(CH3)3)COOH</chem> <chem>C8H15NO4</chem> $M = 189,21$ g/mol	FL. 2923	1 g	28,—	23,80	22,40	21,—
9482	N^α-(tert.-Butoxycarbonyl)-L-asparagine BIOSYNTH[®] <i>N^α-(tert.-Butoxycarbonyl)-L-asparagine / N^α-(terc.-Butoxicarbonil)-L-asparagina</i> <chem>NH2COCH2CH(COOH)NHCOOC(CH3)3</chem> <chem>C9H16N2O5</chem> $M = 232,24$ g/mol	WG. 2923	5 g	78,—	66,30	62,40	58,50
9069	N-(tert.-Butoxycarbonyl)-L-aspartic acid-β-tert.-butylester dicyclohexylammonium salt BIOSYNTH[®] <i>N-(tert.-Butoxycarbonyl)-L-acide aspartique-β-tert.-butylester sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-ácido aspártico-β-terc.-butilester sal de dicitlohexilamonio</i> <chem>C6H5CH2OOCCH2CH(NHCOOC(CH3)3)COOH · C12H23N</chem> <chem>C25H46N2O6</chem> $M = 470,65$ g/mol	FL. 2923	1 g	28,75	24,45	23,—	21,55
9070	N-(tert.-Butoxycarbonyl)-O-benzyl-L-serine dicyclohexylammonium salt BIOSYNTH[®] <i>N-(tert.-Butoxycarbonyl)-O-benzyl-L-sérine sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-O-bencil-L-serina sal de dicitlohexilamonio</i> <chem>C6H5CH2OCH2CH(COOH)NHCOOC(CH3)3 · C12H23N</chem> <chem>C27H44N2O5</chem> $M = 476,66$ g/mol	FL. 2925	1 g	28,75	24,45	23,—	21,55
9071	N-(tert.-Butoxycarbonyl)-O-benzyl-L-tyrosine BIOSYNTH[®] <i>N-(tert.-Butoxycarbonyl)-O-benzyl-L-tyrosine / N-(terc.-Butoxicarbonil)-O-bencil-L-tirosina</i> <chem>C6H5CH2OC6H4CH2CH(COOH)NHCOOC(CH3)3</chem> <chem>C21H25NO5</chem> $M = 371,43$ g/mol	FL. 2925	1 g	28,75	24,45	23,—	21,55
9072	N^α-(tert.-Butoxycarbonyl)-N^ε-formyl-L-lysine BIOSYNTH[®] <i>N^α-(tert.-Butoxycarbonyl)-N^ε-formyle-L-lysine / N^α-(terc.-Butoxicarbonil)-N^ε-formilo-L-lisina</i> <chem>C12H22N2O5</chem> $M = 274,32$ g/mol	FL. 2925	1 g	28,75	24,45	23,—	21,55


Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	6x
					(1 Box)	(4 Boxes)	(16 Boxes)
39073	N-(tert.-Butoxycarbonyl)-L-glutamic acid-γ-benzylester dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-acide glutaminique γ-benzylester sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-ácido glutamínico γ-bencilester sal de diciclohexilamonio</i> <chem>C6H5CH2OCOCH2CH2CH[NHCOOC(CH3)3]COOH · C12H23N</chem> <chem>C29H46N2O6</chem> M = 518,69 g/mol	FL. 2923	1 g	28,75	24,45	23,—	2
39074	N-(tert.-Butoxycarbonyl)-L-glutamic acid-γ-tert.-butylester dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-acide glutaminique-γ-tert.-butylester sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-ácido glutamínico-γ-terc.-butilester sal de diciclohexilamonio</i> <chem>C26H48N2O6</chem> M = 484,68 g/mol	FL. 2923	1 g	28,75	24,45	23,—	2
39485	N^α-(tert.-Butoxycarbonyl)-L-glutamine BIOSYNTH® <i>N^α-(tert.-Butoxycarbonyl)-L-glutamine / N^α-(terc.-Butoxicarbonil)-L-glutamina</i> <chem>NH2COCH2CH2CH(COOH)NHCOOC(CH3)3</chem> <chem>C10H18N2O5</chem> M = 246,26 g/mol	WG. 2923	5 g	78,—	66,30	62,40	58
39075	N-(tert.-Butoxycarbonyl)-glycine BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-glycine / N-(terc.-Butoxicarbonil)-glicina</i> <chem>(CH3)3COCONHCH2COOH</chem> <chem>C7H13NO4</chem> M = 175,18 g/mol	FL. 2925	1 g	28,75	24,45	23,—	21
39487	N-(tert.-Butoxycarbonyl)-L-leucine BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-leucine / N-(terc.-Butoxicarbonil)-L-leucina</i> <chem>(CH3)2CHCH2CH(COOH)NHCOOC(CH3)3 · H2O</chem> <chem>C11H21NO4 · H2O</chem> M = 249,31 g/mol	WG. 2923	5 g	78,—	66,30	62,40	58
39077	N-(tert.-Butoxycarbonyl)-L-methionine dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-méthionine, sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-metionina, sal de diciclohexilamonio</i> <chem>CH3SCH2CH2CH[NHCOOC(CH3)3]COOH · C12H23N</chem> <chem>C22H42N2O4S</chem> M = 430,65 g/mol	FL. 2931	1 g	28,75	24,45	23,—	21
39488	N^α-(tert.-Butoxycarbonyl)-N^ω-nitro-L-arginine BIOSYNTH® <i>N^α-(tert.-Butoxycarbonyl)-N^ω-nitro-L-arginine / N^α-(terc.-Butoxicarbonil)-N^ω-nitro-L-arginina</i> <chem>HN=C(NHNO2)NH(CH2)3CH(COOH)NHCOOC(CH3)3</chem> <chem>C11H21N5O8</chem> M = 319,32 g/mol	WG. 2923	5 g	78,—	66,30	62,40	58
39078	N-(tert.-Butoxycarbonyl)-L-norleucine dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-norleucine, sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-norleucina, sal de diciclohexilamonio</i> <chem>C25H44N2O4</chem> M = 436,63 g/mol	FL. 2923	1 g	28,75	24,45	23,—	21
39261	N-(tert.-Butoxycarbonyloxy)-succinimide BIOSYNTH® <i>N-(tert.-Butoxycarbonyloxy)-succinimide / N-(terc.-Butoxicarboniloxi)-succinimida</i> <chem>(CH3)3COOCONCOCH2CH2CO</chem> <chem>C9H13NO5</chem> M = 215,21 g/mol	FL. 2926	5 g	218,—	185,30	174,40	163,5
39489	N-(tert.-Butoxycarbonyl)-L-phenylalanine BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-phénylalanine / N-(terc.-Butoxicarbonil)-L-fenilalanina</i> <chem>C6H5CH2CH(COOH)NHCOO(CH3)3</chem> <chem>C14H19NO4</chem> M = 285,31 g/mol	WG. 2923	5 g	78,—	66,30	62,40	58,5


Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
39079	N-(tert.-Butoxycarbonyl)-β-phenyl-L-alanine dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-β-phenyl-L-alanine, sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-β-fenil-L-alanina, sal de diciclohexilamonio</i> <chem>C26H42N2O4</chem> <i>M</i> = 446,63 g/mol	FL. 2925	1 g	28,75	24,45	23,—	21,55
39490	N-(tert.-Butoxycarbonyl)-L-proline BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-proline / N-(terc.-Butoxicarbonil)-L-prolina</i> <chem>(CH3)3COCON(CH2)3CHCOOH</chem> <chem>C10H17NO4</chem> <i>M</i> = 215,25 g/mol	WG. 2935	5 g	78,—	66,30	62,40	58,50
39253	N-(tert.-Butoxycarbonyl)-L-serine BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-sérine / N-(terc.-Butoxicarbonil)-L-serina</i> <chem>OHCH2CH(COOH)NHCOOC(CH3)3</chem> <chem>C8H15NO5</chem> <i>M</i> = 205,21 g/mol	FL. WG. 2925	1 g 50 g	8,25 207,—	7,— 175,95	6,60 165,60	6,20 155,25
39491	N^α-(tert.-Butoxycarbonyl)-L-tryptophane BIOSYNTH® <i>N^α-(tert.-Butoxycarbonyl)-L-tryptophane / N^α-(terc.-Butoxicarbonil)-L-triptófano</i> <chem>C6H4NHCH=CCH2CH(COOH)NHCOOC(CH3)3</chem> <chem>C16H20N2O4</chem> <i>M</i> = 304,35 g/mol	WG. 2935	5 g	62,—	52,70	49,60	46,50
39081	N-(tert.-Butoxycarbonyl)-L-valine dicyclohexylammonium salt BIOSYNTH® <i>N-(tert.-Butoxycarbonyl)-L-valine, sel de dicyclohexylammonium / N-(terc.-Butoxicarbonil)-L-valina, sal de diciclohexilamonio</i> <chem>(CH3)2CHCH[NHCOOC(CH3)3]COOH · C12H23N</chem> <chem>C22H42N2O4</chem> <i>M</i> = 398,58 g/mol	FL. 2923	1 g	28,75	24,45	23,—	21,55
35705	Buturon min. 99% PESTANAL® [3-(4-Chlorophenyl)-1-methyl-1-isobutynylurea] <chem>ClC6H4NHC(O)N(CH3)CH(CH3)C≡CH</chem> <chem>C12H13ClN2O</chem> <i>M</i> = 236,70 g/mol	FL. 2925	1 g	28,25	24,—	22,60	21,20
33201	n-Butyl acetate R.G. <i>n-Butyle acétate / n-Butilo acetato</i> <chem>CH3COO(CH2)3CH3</chem> <chem>C6H12O2</chem> <i>M</i> = 116,16 g/mol	FL. FL. 2914	500 ml 1 L	12,75 23,—	10,85 19,55	10,20 18,40	9,80 17,70
C 3.2 1123 2 + 22 °C							
1 L ≈ 0,88 kg							
assay (GC) min. 99%							
boiling range 124—126 °C							
density (D ₄ ²⁰) 0,880—0,882							
refractive index (n _D ²⁰) 1,3940—1,3960							
non-volatile matter max. 0,001 %							
water (according to Karl Fischer) max. 0,1 %							
free acid (as CH ₃ COOH) max. 0,01 %							
aluminium (Al) max. 0,00005 %							
barium (Ba) max. 0,00001 %							
lead (Pb) max. 0,00001 %							
boron (B) max. 0,000002 %							
cadmium (Cd) max. 0,000005 %							
calcium (Ca) max. 0,00005 %							
chromium (Cr) max. 0,000002 %							
iron (Fe) max. 0,00001 %							
cobalt (Co) max. 0,000002 %							
copper (Cu) max. 0,000002 %							
magnesium (Mg) max. 0,00001 %							
manganese (Mn) max. 0,000002 %							
nickel (Ni) max. 0,000002 %							
zinc (Zn) max. 0,00001 %							
tin (Sn) max. 0,00001 %							
reaction to sulphuric acid passes test							
butanol-(1) max. 0,5 %							
R: 10 disposal: 6							


17927	<i>n</i>-Butyl acetate MOS PURANAL® particle class 0	FL.	2,5 L	price on request
A 3/3	<i>n</i> -Butyle acétate / <i>n</i> -Butilo acetato	2914		
C 3.2 1123 2	CH ₃ COO(CH ₂) ₃ CH ₃			
+ 22 °C	C ₈ H ₁₂ O ₂ <i>M</i> = 116,16 g/mol 1 L ≈ 0,88 kg			
	assay min. 99%			
	boiling range 124–126 °C			
	density (D ₄ ²⁰) 0,880–0,882			
	refractive index (n _D ²⁰) 1,3940–1,3960			
	non-volatile matter max. 10 ppm			
	water (according to Karl Fischer) max. 1000 ppm			
	free acid (as CH ₃ COOH) max. 100 ppm			
	aluminium (Al) max. 0,05 ppm			
	antimony (Sb) max. 0,01 ppm			
	arsenic (As) max. 0,01 ppm			
	barium (Ba) max. 0,1 ppm			
	beryllium (Be) max. 0,01 ppm			
	lead (Pb) max. 0,02 ppm			
	boron (B) max. 0,02 ppm			
	cadmium (Cd) max. 0,01 ppm			
	calcium (Ca) max. 0,2 ppm			
	chromium (Cr) max. 0,01 ppm			
	iron (Fe) max. 0,1 ppm			
	gallium (Ga) max. 0,02 ppm			
	gold (Au) max. 0,02 ppm			
	indium (In) max. 0,02 ppm			
	potassium (K) max. 0,1 ppm			
	cobalt (Co) max. 0,01 ppm			
	copper (Cu) max. 0,01 ppm			
	lithium (Li) max. 0,02 ppm			
	magnesium (Mg) max. 0,1 ppm			
	manganese (Mn) max. 0,01 ppm			
	molybdenum (Mo) max. 0,01 ppm			
	sodium (Na) max. 0,2 ppm			
	nickel (Ni) max. 0,01 ppm			
	platinum (Pt) max. 0,02 ppm			
	silver (Ag) max. 0,02 ppm			
	strontium (Sr) max. 0,02 ppm			
	thallium (Tl) max. 0,02 ppm			
	titanium (Ti) max. 0,01 ppm			
	vanadium (V) max. 0,01 ppm			
	bismuth (Bi) max. 0,02 ppm			
	zinc (Zn) max. 0,05 ppm			
	tin (Sn) max. 0,02 ppm			
	zirconium (Zr) max. 0,01 ppm			
	butyl formiate (GC) max. 2000 ppm			
	butanol-(1) (GC) max. 5000 ppm			
	butyl propionate (GC) max. 2000 ppm			
	R: 10 disposal: 6			


de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
7943	n-Butyl acetate PURANAL®	FL.	2,5 L	price on request			
3/3	<i>n-Butyle acétate / n-Butilo acetato</i>	2914					
3.2 1123 2	CH ₃ COO(CH ₂) ₃ CH ₃						
22 °C	C ₆ H ₁₂ O ₂ M = 116,16 g/mol 1 L ≈ 0,88 kg						
	assay min. 99%						
	boiling range 124—126 °C						
	density (D ₄ ²⁰) 0,880—0,882						
	refractive index (n _D ²⁰) 1,3940—1,3960						
	non-volatile matter max. 10 ppm						
	water (according to Karl Fischer) max. 1000 ppm						
	free acid (as CH ₃ COOH) max. 100 ppm						
	aluminium (Al) max. 0,05 ppm						
	antimony (Sb) max. 0,01 ppm						
	arsenic (As) max. 0,01 ppm						
	barium (Ba) max. 0,1 ppm						
	beryllium (Be) max. 0,01 ppm						
	lead (Pb) max. 0,02 ppm						
	boron (B) max. 0,02 ppm						
	cadmium (Cd) max. 0,01 ppm						
	calcium (Ca) max. 0,2 ppm						
	chromium (Cr) max. 0,01 ppm						
	iron (Fe) max. 0,1 ppm						
	gallium (Ga) max. 0,02 ppm						
	gold (Au) max. 0,02 ppm						
	indium (In) max. 0,02 ppm						
	potassium (K) max. 0,1 ppm						
	cobalt (Co) max. 0,01 ppm						
	copper (Cu) max. 0,01 ppm						
	lithium (Li) max. 0,02 ppm						
	magnesium (Mg) max. 0,1 ppm						
	manganese (Mn) max. 0,01 ppm						
	molybdenum (Mo) max. 0,01 ppm						
	sodium (Na) max. 0,2 ppm						
	nickel (Ni) max. 0,01 ppm						
	platinum (Pt) max. 0,02 ppm						
	silver (Ag) max. 0,02 ppm						
	strontium (Sr) max. 0,02 ppm						
	thallium (Tl) max. 0,02 ppm						
	titanium (Ti) max. 0,01 ppm						
	vanadium (V) max. 0,01 ppm						
	bismuth (Bi) max. 0,02 ppm						
	zinc (Zn) max. 0,05 ppm						
	tin (Sn) max. 0,02 ppm						
	zirconium (Zr) max. 0,01 ppm						
	n-butyl formate (GC) max. 2000 ppm						
	butanol (1) (GC) max. 5000 ppm						
	n-butyl propionate (GC) max. 2000 ppm						
	R: 10 disposal: 6						
0165	n-Butyl acetate PROSYNTH®	FL.	1 L	21,—	17,85	16,80	16,15
3/3	<i>n-Butyle acétate / n-Butilo acetato</i>	FL.	2,5 L	44,75	37,15	34,90	33,55
3.2 1123 2	CH ₃ COO(CH ₂) ₃ CH ₃	2914					
22 °C	C ₆ H ₁₂ O ₂ M = 116,16 g/mol 1 L ≈ 0,88 kg						
	assay (GC) 99%						
	boiling range 124—126 °C						
	refractive index (n _D ²⁰) 1,394						
	R: 10 disposal: 6						
7235	n-Butyl acetate technical	FL.	1 L	19,50	16,60	15,60	15,—
3/3	<i>n-Butyle acétate / n-Butilo acetato</i>	FL.	2,5 L	40,50	33,60	31,60	30,40
3.2 1123 2	CH ₃ COO(CH ₂) ₃ CH ₃	EKL.	25 kg	kg	6,25		
22 °C	C ₆ H ₁₂ O ₂ M = 116,16 g/mol 1 L ≈ 0,88 kg	EKL.	5x	kg	5,90		
	assay (GC) 98%	F.	180 kg	price on request			
	boiling range 123—126 °C	2914					
	density (D ₄ ²⁰) 0,880—0,882						
	R: 10 disposal: 6						
4205	tert.-Butylacetoacetate PROSYNTH®	FL.	250 ml	51,50	43,80	41,20	38,65
3/4	<i>tert.-Butyle acétoacétate / terc.-Butilo acetoacetato</i>	2916					
91 °C	CH ₃ COCH ₂ COOC(CH ₃) ₃						
	C ₈ H ₁₄ O ₃ M = 158,20 g/mol 1 L ≈ 0,97 kg						
	assay (GC) 98%						
	boiling range (at 20 mbar) 76—78 °C						
	refractive index (n _D ²⁰) 1,419						



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	9x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
64369	N-tert.-Butylacrylamide PROSYNTH® <i>N-tert.-Butylacrylamide / N-terc.-Butilacrilamida</i> $\text{CH}_2=\text{CHCONHC}(\text{CH}_3)_3$ $\text{C}_7\text{H}_{13}\text{NO}$ $M=127,19$ g/mol assay (ex N) 98% melting range 127–129 °C	WG. 2925	250 g	51,50	43,80	41,20	38
62025	n-Butyl acrylate PROSYNTH® stabilized with hydroquinone monomethyl ether (18 mg/l) <i>n-Butyle acrylate / n-Butilo acrilato</i> $\text{CH}_2=\text{CHCOO}(\text{CH}_2)_3\text{CH}_3$ $\text{C}_7\text{H}_{12}\text{O}_2$ $M=128,17$ g/mol 1 L ≈ 0,89 kg assay 99% refractive index (n_D^{20}) 1,418	FL. 2914	1 L	31,25	26,55	25,—	24
64214	iso-Butyl acrylate PROSYNTH® stabilized with hydroquinone (0,45 g/l) <i>iso-Butyle acrylate / iso-Butilo acrilato</i> $\text{CH}_2=\text{CHCOOCH}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_7\text{H}_{12}\text{O}_2$ $M=128,17$ g/mol 1 L ≈ 0,89 kg keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2914	500 ml	30,25	25,70	24,20	23
15225	n-Butylamine <i>n-Butylamine / n-Butilamina</i> $\text{CH}_3(\text{CH}_2)_3\text{NH}_2$ $\text{C}_4\text{H}_{11}\text{N}$ $M=73,14$ g/mol 1 L ≈ 0,74 kg assay 98% boiling range 76–78 °C	FL. FL. EKL. F. 2922	500 ml 1 L 20 kg 145 kg	14,75 26,75 price on request price on request	12,55 22,75	11,80 21,40	11, 20,
62241	tert.-Butylamine PROSYNTH® <i>tert.-Butylamine / terc.-Butilamina</i> $(\text{CH}_3)_3\text{CNH}_2$ $\text{C}_4\text{H}_{11}\text{N}$ $M=73,14$ g/mol 1 L ≈ 0,70 kg assay (GC) 98% boiling range 44–46 °C refractive index (n_D^{20}) 1,378	FL. 2922	1 L	38,25	32,50	30,60	29,4
65193	4-tert.-Butylaniline PROSYNTH® <i>4-tert.-Butylaniline / 4-terc.-Butilanilina</i> $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{NH}_2$ $\text{C}_{10}\text{H}_{15}\text{N}$ $M=149,24$ g/mol boiling range (at 13 mbar) 104–108 °C congealing range 15–16 °C	FL. 2922	50 ml	price on request			




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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
62243	Butylbenzene PROSYNTH® <i>Butylbenzène / Butilbenceno</i> <chem>C6H5(CH2)3CH3</chem> <chem>C10H14</chem> $M = 134,22$ g/mol 1 L \approx 0,86 kg assay (GC) 99% boiling range 182–183 °C refractive index (n_D^{20}) 1,490	FL. 2901	100 ml	103,50	88,—	82,80	77,65
62244	sec.-Butylbenzene PROSYNTH® <i>sec.-Butylbenzène / sec.-Butilbenceno</i> <chem>C6H5CH(CH3)CH2CH3</chem> <chem>C10H14</chem> $M = 134,22$ g/mol 1 L \approx 0,86 kg assay (GC) 99% boiling range 172–173 °C refractive index (n_D^{20}) 1,490 R: 10 disposal: 6	FL. 2901	100 ml	47,—	39,95	37,60	35,25
62245	tert.-Butylbenzene PROSYNTH® <i>tert.-Butylbenzène / terc.-Butilbenceno</i> <chem>C6H5C(CH3)3</chem> <chem>C10H14</chem> $M = 134,22$ g/mol 1 L \approx 0,87 kg assay (GC) 99% boiling range 168–169 °C refractive index (n_D^{20}) 1,492	FL. 2901	250 ml	22,—	18,70	17,60	16,50
62242	4-tert.-Butylbenzoic acid PROSYNTH® <i>Acide 4-tert.-butylbenzoïque / Acido 4-terc.-butilbenzóico</i> <chem>(CH3)3CC6H4COOH</chem> <chem>C11H14O2</chem> $M = 178,23$ g/mol assay (alkalimetric) 99% melting range 163–165 °C	PF. 2914	1 kg	30,—	25,50	24,—	23,10
64676	Butylboric acid PROSYNTH® <i>Acide butylborique / Acido butilbórico</i> <chem>CH3(CH2)3B(OH)2</chem> <chem>C4H11BO2</chem> $M = 101,94$ g/mol assay 98% melting range 90–92 °C	WG. 2934	5 g	57,—	48,45	45,60	42,75
<i>iso</i> -Butyl bromide see 1-Bromo-2-methylpropane <i>n</i> -Butyl bromide see 1-Bromobutane <i>sec.</i> -Butyl bromide see 2-Bromobutane <i>tert.</i> -Butyl bromide see 2-Bromo-2-methylpropane							
64346	tert.-Butyl bromoacetate PROSYNTH® <i>tert.-Butyle bromoacétate / terc.-Butilo bromoacetato</i> <chem>BrCH2COOC(CH3)3</chem> <chem>C6H11BrO2</chem> $M = 195,06$ g/mol 1 L \approx 1,33 kg assay (GC) 98% boiling range (at 33 mbar) 73–74 °C refractive index (n_D^{20}) 1,445  R: 26/27/28 S: 7/9-26-45 disposal: 7	FL. 2914	25 ml	51,50	43,80	41,20	38,65
60469	<i>iso</i>-Butyl-<i>iso</i>-butyrate PROSYNTH® <i>iso-Butyle-iso-butyrate / iso-Butilo-iso-butirato</i> <chem>CH3CH(CH3)COOCH2CH(CH3)CH3</chem> <chem>C8H16O2</chem> $M = 144,21$ g/mol 1 L \approx 0,85 kg assay (GC) 99% boiling range 148–149 °C refractive index (n_D^{20}) 1,399 R: 10 disposal: 6	FL. 2914	500 ml	46,—	39,10	36,80	35,40






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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
63813	tert.-Butyl carbazate PROSYNTH® <i>tert.-Butyle carbazate / terc.-Butilo carbazato</i> (CH ₃) ₃ COCONHNH ₂ C ₅ H ₁₂ N ₂ O ₂ M = 132,16 g/mol 1 L ≈ 1,04 kg boiling range (at 1 mbar) 81–82 °C Butylcarbitol see Diethylene glycol monobutyl ether Butyl cellosolve see Ethylene glycol monobutyl ether <i>n</i> -Butylchloride see 1-Chlorobutane <i>sec</i> .-Butyl chloride see 2-Chlorobutane <i>n</i> -Butyl chloride see 1-Chlorobutane <i>tert</i> .-Butyl chloride see 2-Chloro-2-methylpropane	FL. 2929	100 ml	125,50	106,70	100,40	94,
64220	tert.-Butyl chloroacetate PROSYNTH® <i>tert.-Butyle chloroacétate / terc.-Butilo cloroacetato</i> ClCH ₂ COOC(CH ₃) ₃ C ₆ H ₁₁ ClO ₂ M = 150,60 g/mol 1 L ≈ 1,05 kg assay (GC) 97% boiling range (at 15 mbar) 47–49 °C refractive index (n _D ²⁰) 1,423	FL. 2914	10 ml	19,25	16,35	15,40	14,
62281	Butyl chloroformate PROSYNTH® <i>Butyle chloroformiate / Butilo cloroformiato</i> ClCOO(CH ₂) ₃ CH ₃ C ₅ H ₉ ClO ₂ M = 136,58 g/mol 1 L ≈ 1,05 kg assay (GC) 95% boiling range 138–142 °C refractive index (n _D ²⁰) 1,412  R: 36/37/38 S: 26 disposal: 7	FL. 2914	100 ml	14,75	12,55	11,80	11,0
62282	iso-Butyl chloroformate PROSYNTH® <i>iso-Butyle chloroformiate / iso-Butilo cloroformiato</i> ClCOOCH ₂ CH(CH ₃) ₂ C ₅ H ₉ ClO ₂ M = 136,58 g/mol 1 L ≈ 1,04 kg assay (GC) 90% refractive index (n _D ²⁰) 1,408	FL. 2914	250 ml	83,—	70,55	66,40	62,2
63289	Butyl iso-cyanate PROSYNTH® <i>Butyle iso-cyanate / Butilo iso-cianato</i> CH ₃ (CH ₂) ₃ NCO C ₅ H ₉ NO M = 99,13 g/mol 1 L ≈ 0,88 kg assay (GC) 98% boiling range 113–115 °C refractive index (n _D ²⁰) 1,406 Butyl cyanide see Valeronitrile	FL. 2930	250 ml	44,75	38,05	35,80	33,5
64742	Butyl cyanoacetate PROSYNTH® <i>Butyle cyanacétate / Butilo cianacetato</i> NCCH ₂ COO(CH ₂) ₃ CH ₃ C ₇ H ₁₁ NO ₂ M = 141,17 g/mol 1 L ≈ 1,00 kg assay (GC) 98% boiling range 236–238 °C refractive index (n _D ²⁰) 1,426	FL. 2914	250 ml	36,75	31,25	29,40	27,5
62247	4-tert.-Butylcyclohexanol PROSYNTH® mixture of <i>cis</i> - and <i>trans</i> -isomers <i>4-tert.-Butylcyclohexanol / 4-terc.-Butilciclohexanol</i> CH ₂ CH ₂ CH(OH)CH ₂ CH ₂ CH(CH ₃) ₃ C ₁₀ H ₂₀ O M = 156,27 g/mol assay (GC) 99%	PF. 2905	250 g	19,50	16,60	15,60	14,65





62248	4-tert.-Butylcyclohexanone PROSYNTH® <i>4-tert.-Butylcyclohexanone / 4-terc.-Butilciclohexanona</i> <chem>CC1(C)CCCC(C1)C(=O)CC</chem> $C_{10}H_{18}O$ $M = 154,25$ g/mol assay (GC) 92% Butyldigol see Diethylene glycol monobutyl ether	PF. 2913	100 g	28,75	24,45	23,—	21,55
24213	1,3-Butylene glycol <i>1-3-Butylèneglycol / 1,3-Butilenglicol</i> <chem>CC(O)CCO</chem> $C_4H_{10}O_2$ $M = 90,12$ g/mol 1 L \approx 1,00 kg assay 99% boiling range 207—209 °C density (D_4^{20}) 1,001—1,005 refractive index (n_D^{20}) 1,4395—1,4405 bromine number 0,1	PF. PF. FPF. F. 2904	250 ml 1 L 30 kg 200 kg	9,50 22,— price on request price on request	8,10 18,70	7,60 17,60	7,15 16,95
15264	1,4-Butylene glycol <i>1-4-Butylèneglycol / 1,4-Butilenglicol</i> <chem>CC(O)CCO</chem> $C_4H_{10}O_2$ $M = 90,12$ g/mol 1 L \approx 1,02 kg assay (GC) 99,5% boiling range 227—229 °C density (D_4^{20}) 1,015—1,018 refractive index (n_D^{20}) 1,4450—1,4460 Butylene hydrate see Butanol-2 Butyl ethyl ketone see Heptanone-(3)	PF. FPF. 2904	1 L 30 kg	25,50 price on request	21,70	20,40	19,65
62249	n-Butyl glycidyl ether PROSYNTH® <i>Ether n-butylglycidique / Eter n-butilglicídico</i> <chem>CCOC1CCOC1</chem> $C_7H_{14}O_2$ $M = 130,19$ g/mol 1 L \approx 0,91 kg assay (GC) 98% boiling range 166—168 °C refractive index (n_D^{20}) 1,418  R: 20 S: 24/25 disposal: 6 Butylglycol see Ethylene glycol monobutyl ether	FL. 2909	250 ml	23,50	20,—	18,80	17,65
63285 A 3/4 +99 °C	Butyl heptyl ketone PROSYNTH® <i>Butylheptylcétone / Butilheptilcetona</i> <chem>CCCCCCCCC(=O)CC</chem> $C_{12}H_{24}O$ $M = 184,32$ g/mol 1 L \approx 0,82 kg assay (GC) 98% Butyl hexyl ketone see Undecanone-(5)	FL. 2913	50 ml	100,—	85,—	80,—	75,—
62250 A 5.2/2D C 5.2 2092 1	tert.-Butyl hydroperoxide about 80% in di-tert.-butyl peroxide PROSYNTH® <i>tert.-Butyle hydroperoxyde / terc.-Butilo hidroperóxido</i> <chem>CC(C)(C)C(=O)O</chem> $C_4H_{10}O_2$ $M = 90,12$ g/mol 1 L \approx 0,90 kg assay (iodometric) 80% refractive index (n_D^{20}) 1,397	FL. 2908	100 ml	13,25	11,25	10,60	9,95
63287	Butyl 4-hydroxybenzoate PROSYNTH® <i>Butyle 4-hydroxybenzoate / Butilo 4-hidroxibenzoato</i> <chem>CCCC(=O)OC1=CC=CC=C1O</chem> $C_{11}H_{14}O_3$ $M = 194,23$ g/mol assay (HPLC) 99% melting range 67—69 °C	WG. 2916	250 g	19,25	16,35	15,40	14,45




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			1x	6x	24x	9x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
63288	N-Butylimidazole PROSYNTH® <i>N-Butylimidazole / N-Butylimidazol</i> $\text{CH}_3(\text{CH}_2)_3\text{NCH}=\text{NCH}=\text{CH}$ $\text{C}_7\text{H}_{12}\text{N}_2$ $M=124,19$ g/mol $1\text{ L} \approx 0,96$ kg assay (GC) 99% boiling range 237–239 °C refractive index (n_D^{20}) 1,480 <i>n</i> -Butyl iodide see 1-Iodobutane <i>iso</i> -Butyl iodide see 1-Iodo-2-methylpropane <i>sec</i> .-Butyl iodide see 2-Iodobutane <i>tert</i> .-Butyl iodide see 2-Iodo-2-methylpropane	FL. 2935	100 ml	34,50	29,35	27,60	25
60083	Butyl malonic acid PROSYNTH® <i>Acide butylmalonique / Acido butilmalónico</i> $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{COOH})_2$ $\text{C}_7\text{H}_{12}\text{O}_4$ $M=160,17$ g/mol assay 96% melting range 102–103 °C Butyl mercaptan see Butanethiol <i>iso</i> -Butyl mercaptan see 2-Methylpropanethiol(1) <i>tert</i> .-Butyl mercaptan see 2-Methylpropanethiol-(2)	PF. PF. 2915	250 g 1 kg	124,— 413,—	105,40 351,05	99,20 330,40	93 318
39432	S-tert.-Butylmercapto-L-cysteine BIOSYNTH® <i>S-tert.-Butylmercapto-L-cystéine / S-terc.-Butilomercapto-L-cisteina</i> $(\text{CH}_3)_3\text{CSSSCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_7\text{H}_{15}\text{NO}_2\text{S}_2$ $M=209,33$ g/mol	WG. 2931	10 g	31,25	26,55	25,—	23
62750	Butyl methacrylate PROSYNTH® stabilized with hydroquinone (90 mg/l) <i>Butyle méthacrylate / Butilo metacrilato</i> $\text{CH}_2=\text{C}(\text{CH}_3)\text{COO}(\text{CH}_2)_3\text{CH}_3$ $\text{C}_8\text{H}_{14}\text{O}_2$ $M=142,20$ g/mol $1\text{ L} \approx 0,89$ kg assay (GC) 99% boiling range 162–164 °C refractive index (n_D^{20}) 1,424  R: 10-36/37/38 disposal: 6	FL. 2914	500 ml	18,50	15,75	14,80	14
62751	iso-Butyl methacrylate PROSYNTH® stabilized with hydroquinone (90 mg/l) <i>iso-Butyle méthacrylate / iso-Butilo metacrilato</i> $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{14}\text{O}_2$ $M=142,20$ g/mol $1\text{ L} \approx 0,89$ kg assay (GC) 98% boiling range 153–155 °C refractive index (n_D^{20}) 1,420	FL. 2914	500 ml	16,25	13,80	13,—	12,5
62252	2-tert.-Butyl-4-methoxyphenol PROSYNTH® <i>2-tert.-Butyl-4-méthoxyphénol / 2-terc.-Butil-4-metoxifenol</i> $(\text{CH}_3)_3\text{CC}_6\text{H}_3(\text{OH})\text{OCH}_3$ $\text{C}_{11}\text{H}_{16}\text{O}_2$ $M=180,25$ g/mol assay (GC) 98% melting range 56–58 °C <i>iso</i> -Butyl methyl ketone see Methyl <i>iso</i> -butyl ketone	PF. 2908	100 g	29,50	25,10	23,60	22,1
63290	2-tert.-Butyl-4-methylphenol PROSYNTH® <i>2-tert.-Butyl-4-méthylphénol / 2-terc.-Butil-4-metilfenol</i> $(\text{CH}_3)_3\text{CC}_6\text{H}_3(\text{CH}_3)\text{OH}$ $\text{C}_{11}\text{H}_{16}\text{O}$ $M=164,25$ g/mol assay (GC) 99% melting range 51–52 °C	WG. 2906	100 g	10,—	8,50	8,—	7,5






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		1x	6x	24x	96x		
		package DM	(1 Box)	(4 Boxes)	(16 Boxes)		
54356	Butyl nicotinate PROSYNTH® <i>Butyle nicotinate / Butilo nicotinato</i> $N = \text{CHC}(\text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_3) = \text{CHCH} = \text{CH}$ $\text{C}_{10}\text{H}_{13}\text{NO}_2$ $M = 179,22 \text{ g/mol}$ $1 \text{ L} \approx 1,05 \text{ kg}$ assay (GC) 98%	FL. 2935	100 ml	38,—	32,30	30,40	28,50
54678	tert.-Butyl nitrite PROSYNTH® <i>tert.-Butyle nitrite / terc.-Butilo nitrito</i> $(\text{CH}_3)_3\text{CONO}$ $\text{C}_4\text{H}_9\text{NO}_2$ $M = 103,12 \text{ g/mol}$ $1 \text{ L} \approx 0,87 \text{ kg}$ assay (GC) 97% boiling range 61—63 °C refractive index (n_D^{20}) 1,368 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera   R: 11-23/24/25 S: 16-27-44 disposal: 20	FL. 2921	100 ml	24,—	20,40	19,20	18,—
Butylparaben see Butyl 4-hydroxybenzoate							
56042	Butyl-PBD for scintillation [2-(4-tert.-Butylphenyl)-5-(4-biphenyl)-1,3,4-oxadiazole] $\text{C}_{24}\text{H}_{22}\text{N}_2\text{O}$ $M = 354,45 \text{ g/mol}$	PF. PF. PF. 2935	100 g / 1 kg 5 kg	163,— 1503,— 6721,—	138,55 1277,55 5578,45	130,40 1202,40 5242,40	122,25 1157,30 5040,75
62957	tert.-Butyl perbenzoate PROSYNTH® <i>tert.-Butyle perbenzoate / terc.-Butilo perbenzoato</i> $\text{C}_6\text{H}_5\text{COOOC}(\text{CH}_3)_3$ $\text{C}_{11}\text{H}_{14}\text{O}_3$ $M = 194,23 \text{ g/mol}$ $1 \text{ L} \approx 1,03 \text{ kg}$ assay (ex active O) 95%	FL. 2914	100 ml	15,—	12,75	12,—	11,25
Butylperoxide see Butyl hydroperoxide							
62666	2-sec.-Butylphenol PROSYNTH® <i>2-sec.-Butylphénol / 2-sec.-Butilfenol</i> $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{C}_6\text{H}_4\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$ $M = 150,22 \text{ g/mol}$ $1 \text{ L} \approx 0,97 \text{ kg}$ assay (GC) 99% boiling range 227—229 °C refractive index (n_D^{20}) 1,522	FL. 2906	250 ml	29,75	25,30	23,80	22,30
62253	2-tert.-Butylphenol PROSYNTH® <i>2-tert.-Butylphénol / 2-terc.-Butilfenol</i> $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$ $M = 150,22 \text{ g/mol}$ $1 \text{ L} \approx 0,98 \text{ kg}$ assay (GC) 98% boiling range 220—221 °C refractive index (n_D^{20}) 1,523	FL. 2906	250 ml	17,50	14,90	14,—	13,15
62766	4-sec.-Butylphenol PROSYNTH® <i>4-sec.-Butylphénol / 4-sec.-Butilfenol</i> $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{C}_6\text{H}_4\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$ $M = 150,22 \text{ g/mol}$ assay (GC) 96% melting range 54—56 °C	FL. 2906	250 ml	25,75	21,90	20,60	19,30
60085	4-tert.-Butylphenol PROSYNTH® <i>4-tert.-Butylphénol / 4-terc.-Butilfenol</i> $(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$ $M = 150,22 \text{ g/mol}$ assay (GC) 99% melting range 97—99 °C	WG. 2906	500 g	11,—	9,35	8,80	8,45
Butyl phthalate see Dibutyl phthalate							





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			1x	6x	24x	36x	48x
			(1 Box)	(4 Boxes)	(16 Boxes)	(24 Boxes)	(36 Boxes)
64835	iso-Butyl propionate PROSYNTH®	FL.	500 ml	45,75	38,90	36,60	3
A 3/3	iso-Butyle propionate / iso-Butilo propionato	2914					
C 3.3 1993 2	CH ₃ CH ₂ COOCH ₂ CH(CH ₃) ₂						
+26 °C	C ₇ H ₁₄ O ₂ M = 130,19 g/mol 1 L ≈ 0,87 kg						
	assay (GC) 98%						
	boiling range 135–137 °C						
	refractive index (n _D ²⁰) 1,397						
	R: 10 disposal: 6						
23193	4-tert.-Butylpyrocatechol technical (crystalline solid)	ALU.	1 kg	56,50	48,05	45,20	4
	4-tert.-Butylpyrocatechol / 4-terc.-Butilpirocatequina	BL.	25 kg	price on request			
	(CH ₃) ₃ CC ₆ H ₃ (OH) ₂	2906					
	C ₁₀ H ₁₄ O ₂ M = 166,22 g/mol						
	assay (GC) 98,5%						
	3,5-di-tert.-butylpyrocatechol (GC) 0,5%						
	melting range 50–52 °C						
23195	4-tert.-Butylpyrocatechol contg. 15% methanol, liquid	FL.	1 L	48,75	41,45	39,—	37
C 3.3 1992 2	4-tert.-Butylpyrocatechol / 4-terc.-Butilpirocatequina	F.	200 kg	price on request			
+27 °C	(CH ₃) ₃ CC ₆ H ₃ (OH) ₂	2906					
	C ₁₀ H ₁₄ O ₂ M = 166,22 g/mol 1 L ≈ 1,03 kg						
	assay (GC) (for dry substance) 98,5%						
	density (D ₄ ²⁰) abt. 1,025–1,030						
	loss on drying 15%						
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
23194	4-tert.-Butylpyrocatechol contg. 15% water, liquid	FL.	1 L	48,75	41,45	39,—	37
A 8/21	4-tert.-Butylpyrocatechol / 4-terc.-Butilpirocatequina	F.	200 kg	price on request			
C 8 1760 2	(CH ₃) ₃ CC ₆ H ₃ (OH) ₂	2906					
	C ₁₀ H ₁₄ O ₂ M = 166,22 g/mol 1 L ≈ 1,07 kg						
	assay (GC) (for dry substance) 98,5%						
	density (D ₄ ²⁰) 1,065–1,070						
	loss on drying 15%						
61101	2-sec.-Butyltetrafluoroethoxybenzene PROSYNTH®	FL.	25 ml	47,—	39,95	37,60	35
	2-sec.-Butyltétrafluoroéthoxybenzène / 2-sec.-Butiltetrafluoroetoxibenceno	2908					
	C ₆ H ₄ (OCF ₂ CF ₂ H)(C ₄ H ₉)						
	C ₁₂ H ₁₄ F ₄ O M = 250,24 g/mol 1 L ≈ 1,16 kg						
	assay 95%						
39257	O-tert.-Butyl-L-tyrosine methylester hydrochloride BIOSYNTH®	WG.	5 g	163,—	138,55	130,40	122
	O-tert.-Butyl-L-tyrosine méthylester chlorhydrate / O-terc.-Butil-L-tirosina metilester clorhidrato	2925					
	(CH ₃) ₃ COC ₆ H ₄ CH ₂ CH(NH ₂)COOCH ₃ · HCl						
	C ₁₄ H ₂₂ ClNO ₃ M = 287,79 g/mol						
64378	Butyl vinyl ether PROSYNTH® stabilized with hydroquinone (40 mg/l)	FL.	250 ml	28,—	23,80	22,40	21
A 3/1A	Ether butylvinilique / Eter butilvinílico	2908					
C 3.2 2352 2	CH ₃ (CH ₂) ₃ OCH=CH ₂						
-1 °C	C ₆ H ₁₂ O M = 100,16 g/mol 1 L ≈ 0,78 kg						
	assay (GC) 97%						
	boiling range 92–94 °C						
	refractive index (n _D ²⁰) 1,400						
	 R: 11-19 S: 9-16-33 disposal: 6						






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			1x	6x	24x	96x	
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3806	iso-Butyl vinyl ether PROSYNTH® <i>Ether iso-butylvinyle / Eter iso-butilvinilico</i> (CH ₃) ₂ CHCH ₂ OCH=CH ₂ C ₆ H ₁₂ O M = 100,16 g/mol 1 L ≈ 0,77 kg assay (GC) 99% boiling range 82–84 °C refractive index (n _D ²⁰) 1,396  R: 11-19 S: 9-16-33 disposal: 6 Butyndioic acid see Acetylenedicarboxylic acid Butyndioic acid monopotassium salt see Acetylenedicarboxylic acid monopotassium salt	FL. 2908	250 ml	12,—	10,20	9,60	9,—
2235	Butyne-(2)-diol-(1,4) PROSYNTH® <i>Butyne-(2)-diol-(1-4) / Butino-(2)-diol-(1,4)</i> HOCH ₂ C≡CCH ₂ OH C ₄ H ₆ O ₂ M = 86,09 g/mol assay (GC) 99% melting range 54–55 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25 S: 44 disposal: 6	PF. 2904	1 kg	36,75	31,25	29,40	28,30
2236	Butyne-(1)-ol-(3) solution 55% in water PROSYNTH® <i>Butyne-(1)-ol-(3) en solution / Butino-(1)-ol-(3) en solución</i> CH ₃ CH(OH)C≡CH C ₄ H ₆ O M = 70,09 g/mol	FL. 2904	250 ml	31,50	26,80	25,20	23,65
15687	iso-Butyraldehyde <i>iso-Butyraldéhyde / iso-Butiraldehido</i> (CH ₃) ₂ CHCHO C ₄ H ₈ O M = 72,11 g/mol 1 L ≈ 0,79 kg assay 99,5% boiling range 63–65 °C  R: 11 S: 9-29-33 disposal: 14	FL. STP. F. 2911	1 L 20 kg 170 kg	14,75 price on request price on request	12,55	11,80	11,35
15263	n-Butyraldehyde <i>n-Butyraldéhyde / n-Butiraldehido</i> CH ₃ CH ₂ CH ₂ CHO C ₄ H ₈ O M = 72,11 g/mol 1 L ≈ 0,81 kg assay 99,5% boiling range 75–76 °C  R: 11 S: 9-29-33 disposal: 14	FL. STP. 2911	1 L 20 kg	12,50 price on request	10,65	10,—	9,65
2254	Butyramide PROSYNTH® <i>Butyramide / Butiramida</i> CH ₃ CH ₂ CH ₂ CONH ₂ C ₄ H ₉ NO M = 87,12 g/mol assay (ex N) 98% melting range 114–116 °C	WG. 2925	100 g	24,75	21,05	19,80	18,55
27628	iso-Butyric acid <i>Acide iso-butyrique / Acido iso-butírico</i> (CH ₃) ₂ CHCOOH C ₄ H ₈ O ₂ M = 88,11 g/mol 1 L ≈ 0,95 kg  R: 21/22 disposal: 21	FL. FL. STP. 2914	500 ml 1 L 50 kg	13,50 24,— price on request	11,50	10,80	10,40
27626	n-Butyric acid pure abt. 99-100% <i>Acide n-butyrique / Acido n-butírico</i> CH ₃ CH ₂ CH ₂ COOH C ₄ H ₈ O ₂ M = 88,11 g/mol 1 L ≈ 0,96 kg	FL. FL. STP. 2914	1 L 2,5 L 50 kg	19,25 40,50 kg 8,—	16,35	15,40	14,80



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM	1x	6x	24x	
					(1 Box)	(4 Boxes)	(10 Boxes)	
Butyric acid amide see Butyramide								
Butyric acid chloride see Butyryl chloride								
62237	Butyric anhydride PROSYNTH®			FL.	1 L	35,50	30,20	28,40 2
A 3/4	Anhydride butyrique / Anhidrido butírico			2914				
C 8 1760 2	(CH ₃ CH ₂ CH ₂ CO) ₂ O							
+ 88 °C	C ₈ H ₁₄ O ₃ M = 158,20 g/mol 1 L ≈ 0,97 kg							
	assay 98 %							
	boiling range 198–200 °C							
	refractive index (n _D ²⁰) 1,413							
62238	iso-Butyric anhydride PROSYNTH®			FL.	250 ml	30,25	25,70	24,20 2
A 3/4	Anhydride iso-butyrique / Anhidrido iso-butírico			2914				
C 8 1760 2	(CH ₃) ₂ CHCOOCOCH(CH ₃) ₂							
+ 68 °C	C ₈ H ₁₄ O ₃ M = 158,20 g/mol 1 L ≈ 0,95 kg							
	assay (GC) 98 %							
	boiling range 179–182 °C							
	refractive index (n _D ²⁰) 1,406							
Butyrolactam see Pyrrolidone-(2)								
15255	γ-Butyrolactone			FL.	1 L	32,75	27,85	26,20 2
	γ-Butyrolactone / γ-Butirolactona			EKL.	35 kg	price on request		
	CH ₂ CH ₂ CH ₂ COO			F.	200 kg	price on request		
	C ₄ H ₆ O ₂ M = 86,09 g/mol 1 L ≈ 1,13 kg			2935				
	assay 99 %							
Butyrone see Heptanone-(4)								
62255	Butyronitrile PROSYNTH®			FL.	500 ml	19,25	16,35	15,40 14
A 6.1/2C	Butyronitrile / Butironitrilo			2927				
C 3.2 2411 2	CH ₃ CH ₂ CH ₂ CN							
+ 21 °C	C ₄ H ₇ N M = 69,11 g/mol 1 L ≈ 0,79 kg							
	assay (GC) 99 %							
	boiling range 117–119 °C							
	refractive index (n _D ²⁰) 1,385							
			R: 11-23/24/25 S: 16-27-44					
	disposal: 15							
62258	iso-Butyronitrile PROSYNTH®			FL.	1 L	30,75	26,15	24,60 23
A 6.1/2C	iso-Butyronitrile / iso-Butironitrilo			2927				
C 3.2 2284 2	(CH ₃) ₂ CHCN							
+ 8 °C	C ₄ H ₇ N M = 69,11 g/mol 1 L ≈ 0,76 kg							
	assay (GC) 99 %							
	boiling range 101–103 °C							
	refractive index (n _D ²⁰) 1,374							
			R: 11-23/24/25 S: 16-27-44					
	disposal: 15							
62256	Butyrophenone PROSYNTH®			FL.	100 ml	16,—	13,60	12,80 12
A 3/4	Butyrophénone / Butiروفenona			2913				
+ 97 °C	C ₈ H ₅ COCH ₂ CH ₂ CH ₃							
	C ₁₀ H ₁₂ O M = 148,20 g/mol 1 L ≈ 0,99 kg							
	assay (GC) 99 %							
	boiling range (at 13 mbar) 100–102 °C							
	refractive index (n _D ²⁰) 1,520							
60390	Butyryl chloride PROSYNTH®			FL.	100 ml	13,75	12,80	
A 8/22	Butyryle chlorure / Butirilo cloruro			2914				
C 3.2 2353 2	CH ₃ CH ₂ CH ₂ COCl							
	C ₄ H ₇ ClO M = 106,55 g/mol 1 L ≈ 1,02 kg							
	assay 99 %							
	boiling range 100–102 °C							
	refractive index (n _D ²⁰) 1,412							


de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
197	Butyrylcholine chloride BIOSYNTH® <i>Butyrylcholine chlorure / Butirilcolina cloruro</i> <chem>CH3CH2CH2COOCH2CH2N(CH3)3Cl</chem> <chem>C9H20ClNO2</chem> M = 209,72 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2924	10 g	19,75	16,80	15,80	14,80
199	Butyrylcholine iodide BIOSYNTH® <i>Butyrylcholine iodure / Butirilcolina yoduro</i> <chem>CH3CH2CH2COOCH2CH2N(CH3)3J</chem> <chem>C9H20JNO2</chem> M = 301,17 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2924	10 g	22,—	18,70	17,60	16,50
101	Butyrylthiocholine iodide BIOSYNTH® <i>Butyrylthiocholine iodure / Butiriltiocolina yoduro</i> <chem>(CH3)3N(J)CH2CH2SCOCH2CH2CH3</chem> <chem>C9H20JNOS</chem> M = 317,23 g/mol melting range 171—173 °C	FL. 2931	5 g	34,—	28,90	27,20	25,50
004	Cabosil® for scintillation ® = trade mark of Cabot Carbon Ltd.	BL. 2813	4 L	31,50	26,15	24,55	23,65
185 5.1/210 5.1 2811 2	Cadion R. G. <i>Cadion / Cadión</i> <chem>C6H5NHN=C6H4N=NC6H4NO2</chem> <chem>C18H14N6O2</chem> M = 346,35 g/mol	WG. 2813	5 g	38,75	32,95	31,—	29,05
1309	Cadmium R. G. granular, for the filling of reductors, granulation 0,3—1,5 mm <i>Cadmium / Cadmio</i> Cd M = 112,41 g/mol  R: 20/21/22 S: 22 disposal: 26	PF. 8104	250 g	52,—	44,20	41,60	39,—
1704	Cadmium <i>Cadmium / Cadmio</i> Cd M = 112,41 g/mol assay 99,95 % aluminium (Al) 0,001 % lead (Pb) 0,003 % iron (Fe) 0,0005 % copper (Cu) 0,0002 % zinc (Zn) 0,001 %  R: 20/21/22 S: 22 disposal: 26	PF. PF. 8104	250 g 1 kg	50,50 169,—	42,95 143,65	40,40 135,20	37,90 130,15
9603 6.1 2810 3	0,100 g Cadmium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Cadmium / 0,100 g Cadmio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
5551 3/3 6.1 2810 3 25 °C	0,100 g organo-Cadmium FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Cadmium / 0,100 g organo-Cadmio</i> ampoule R: 10	3819	1 pack	33,75	28,70	27,—	25,30
9556	1,00 g Cadmium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Cadmium / 1,00 g Cadmio</i> ampoule  R: 22 S: 24/25	3819	1 pack	10,25	8,70	8,20	7,70

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
38840	10,00 g Cadmium FIXANAL® as Cadmium chloride	ampoule	1 pack	18,75	15,95	15,—
C 6.1 2810 3	10,00 g Cadmium / 10,00 g Cadmio					
	 R: 22 S: 24/25					
32308	Cadmium acetate dihydrate R. G.	PF.	100 g	17,—	14,45	13,60
C 6.1 2570 3	Cadmium acétate dihydrate / Cadmio acetato dihidrato		250 g	32,—	27,20	25,60
	Cd(CH ₃ COO) ₂ · 2H ₂ O	PF.	1 kg	105,50	89,70	84,40
	C ₄ H ₆ CdO ₄ · 2H ₂ O M = 266,53 g/mol	FTP.	25 kg	price on request		
	assay min. 99%	2914				
	insoluble in water max. 0,01%					
	aluminium (Al) max. 0,005%					
	lead (Pb) max. 0,005%					
	iron (Fe) max. 0,0005%					
	copper (Cu) max. 0,002%					
	zinc (Zn) max. 0,001%					
	matters not precipitated by					
	hydrogen sulphide (as sulphates) max. 0,15%					
	chloride (Cl) max. 0,002%					
	nitrate (NO ₃) max. 0,002%					
	sulphate (SO ₄) max. 0,005%					
	sulphide (S) max. 0,002%					
	 R: 20/21/22 S: 22 disposal: 26					
25028	Cadmium acetate dihydrate pure cryst.	WG.	500 g	47,50	40,40	38,— 3
C 6.1 2570 3	Cadmium acétate dihydrate / Cadmio acetato dihidrato	WG.	1 kg	87,—	73,95	69,60 6
	Cd(CH ₃ COO) ₂ · 2H ₂ O	FTP.	25 kg	price on request		
	C ₄ H ₆ CdO ₄ · 2H ₂ O M = 266,53 g/mol	2914				
	assay 98%					
	lead (Pb) 0,005%					
	iron (Fe) 0,001%					
	copper (Cu) 0,002%					
	chloride (Cl) 0,005%					
	sulphate (SO ₄) 0,01%					
	 R: 20/21/22 S: 22 disposal: 26					
	Cadmium borofluoride solution see Cadmium fluoroborate solution					
02105	Cadmium bromide-4-hydrate	PF.	250 g	24,—	20,40	19,20 18
C 6.1 2570 3	Cadmium bromure-4-hydrate / Cadmio bromuro-4-hidrato	PF.	1 kg	80,50	68,45	64,40 62
	CdBr ₂ · 4H ₂ O M = 344,28 g/mol	FTP.	50 kg	price on request		
	assay 99,5%	2830				
	lead (Pb) 0,005%					
	iron (Fe) 0,001%					
	copper (Cu) 0,001%					
	zinc (Zn) 0,005%					
	chloride (Cl) 0,3%					
	sulphate (SO ₄) 0,005%					
	 R: 20/21/22 S: 22 disposal: 26					
11706	Cadmium carbonate chem. pure	PF.	250 g	32,—	27,20	25,60 24
C 6.1 2570 3	Cadmium carbonate / Cadmio carbonato	PF.	1 kg	106,—	90,10	84,80 81
	CdCO ₃ M = 172,42 g/mol	FTP.	50 kg	price on request		
	assay 99%	2842				
	lead (Pb) 0,002%					
	iron (Fe) 0,002%					
	sodium (Na) 0,1%					
	zinc (Zn) 0,01%					
	chloride (Cl) 0,002%					
	sulphate (SO ₄) 0,01%					
	total nitrogen (N) 0,02%					
	 R: 20/21/22 S: 22 disposal: 26					

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
147	Cadmium chloride-1-hydrate R. G.	PF.	100 g	18,75	15,95	15,—	14,05
3.1 2570 3	<i>Cadmium chlorure-1-hydrate / Cadmio cloruro-1-hidrato</i>	PF.	250 g	42,—	35,70	33,60	31,50
	$\text{CdCl}_2 \cdot \text{H}_2\text{O}$ $M = 201,32 \text{ g/mol}$	PF.	1 kg	141,—	119,85	112,80	108,55
	assay min. 99%	2830					
	insoluble in water max. 0,005%						
	ammonium (NH_4) max. 0,005%						
	lead (Pb) max. 0,001%						
	calcium (Ca) max. 0,01%						
	iron (Fe) max. 0,001%						
	potassium (K) max. 0,01%						
	copper (Cu) max. 0,0005%						
	magnesium (Mg) max. 0,005%						
	sodium (Na) max. 0,01%						
	zinc (Zn) max. 0,01%						
	nitrate (NO_3) max. 0,005%						
	sulphate (SO_4) max. 0,005%						
	 R: 23/25-33-40 S: 22-44 disposal: 26						
709	Cadmium chloride-1-hydrate pure	PF.	250 g	26,75	22,75	21,40	20,05
3.1 2570 3	<i>Cadmium chlorure-1-hydrate / Cadmio cloruro-1-hidrato</i>	PF.	1 kg	89,—	75,65	71,20	68,55
	$\text{CdCl}_2 \cdot \text{H}_2\text{O}$ $M = 201,33 \text{ g/mol}$	FTP.	50 kg	price on request			
	assay 99%	2830					
	lead (Pb) 0,005%						
	iron (Fe) 0,001%						
	copper (Cu) 0,001%						
	zinc (Zn) 0,02%						
	sulphate (SO_4) 0,01%						
	 R: 23/25-33-40 S: 22-44 disposal: 26						
718	Cadmium fluoroborate solution 50% for electroplating	PF.	1 L	50,50	42,95	40,40	38,90
3.1 2810 2	<i>Cadmium fluoroborate en solution / Cadmio fluoroborato en solución</i>	FPF.	45 kg	price on request			
	$\text{Cd}(\text{BF}_4)_2$ $M = 286,02 \text{ g/mol}$ 1 L \approx 1,60 kg	2829					
	assay of Cd 19,6—20,0%						
	free fluoroboric acid (HBF_4) 1—3%						
	free boric acid (H_3BO_3) 1—2%						
	lead (Pb) 0,002%						
	iron (Fe) 0,002%						
	cobalt (Co) 0,0005%						
	copper (Cu) 0,0005%						
	nickel (Ni) 0,0005%						
	zinc (Zn) 0,005%						
	chloride (Cl) 0,005%						
	sulphate (SO_4) 0,03%						
	 R: 20/21/22 S: 22 disposal: 27						
729	Cadmium fluoroborate solution 50% special for electroplating	PF.	1 L	56,50	48,05	45,20	43,50
3.1 2810 2	<i>Cadmium fluoroborate en solution / Cadmio fluoroborato en solución</i>	FPF.	45 kg	price on request			
	$\text{Cd}(\text{BF}_4)_2$ $M = 286,02 \text{ g/mol}$ 1 L \approx 1,60 kg	2829					
	assay of Cd 19,6—20,0%						
	free fluoroboric acid (HBF_4) 1—3%						
	free boric acid (H_3BO_3) 1—2%						
	lead (Pb) 0,05%						
	iron (Fe) 0,002%						
	cobalt (Co) 0,0005%						
	copper (Cu) 0,0005%						
	nickel (Ni) 0,0005%						
	zinc (Zn) 0,005%						
	chloride (Cl) 0,005%						
	sulphate (SO_4) 0,005%						
	 R: 20/21/22 S: 22 disposal: 27						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	
			(1 Box)	(4 Boxes)	(12 Boxes)	
17905	Cadmium hydrogen phosphate-4-hydrate PURANAL®	PF.	1 kg	price on request		
C 6.1 2570 3	Cadmium hydrogenophosphate-4-hydrate / Cadmio hidrógeno-fosfato-4-hidrato	2840				
	CdHPO ₄ · 4H ₂ O M = 280,45 g/mol					
	 R: 20/21/22 S: 22 disposal: 26					
03105	Cadmium iodide	WG.	100 g	17,50	14,90	14,—
C 6.1 2570 3	Cadmium iodure / Cadmio yoduro	WG.	250 g	40,25	34,20	32,20
	CdJ ₂ M = 366,22 g/mol	FTP.	25 kg	price on request		
	assay 99%	2830				
	insoluble in water 0,01%					
	iron (Fe) 0,001%					
	copper (Cu) 0,0005%					
	zinc (Zn) 0,005%					
	sulphate (SO ₄) 0,005%					
	 R: 23/25-33-40 S: 22-44 disposal: 26					
31310	Cadmium nitrate-4-hydrate R. G.	PF.	250 g	23,50	20,—	18,80
C 5.1 1477 2	Cadmium nitrate-4-hydrate / Cadmio nitrato-4-hidrato	FTP.	50 kg	price on request		
	Cd(NO ₃) ₂ · 4H ₂ O M = 308,48 g/mol	2839				
	assay min. 99%					
	insoluble in water max. 0,005%					
	lead (Pb) max. 0,005%					
	iron (Fe) max. 0,001%					
	copper (Cu) max. 0,0005%					
	magnesium (Mg) max. 0,01%					
	sodium (Na) max. 0,01%					
	zinc (Zn) max. 0,001%					
	chloride (Cl) max. 0,001%					
	sulphate (SO ₄) max. 0,002%					
	 R: 20/21/22 S: 22 disposal: 26					
11714	Cadmium nitrate-4-hydrate chem. pure cryst.	PF.	250 g	18,—	15,30	14,40
C 5.1 1477 2	Cadmium nitrate-4-hydrate / Cadmio nitrato-4-hidrato	PF.	500 g	32,75	27,85	26,20
	Cd(NO ₃) ₂ · 4H ₂ O M = 308,48 g/mol	PF.	1 kg	60,—	51,—	48,—
	assay 100%	FTP.	50 kg	price on request		
	lead (Pb) 0,005%	2839				
	iron (Fe) 0,002%					
	copper (Cu) 0,002%					
	zinc (Zn) 0,005%					
	chloride (Cl) 0,005%					
	sulphate (SO ₄) 0,005%					
	 R: 20/21/22 S: 22 disposal: 26					
11718	Cadmium oxide brown	PF.	250 g	34,75	29,55	27,80
C 6.1 2570 3	Cadmium oxyde / Cadmio óxido	2828				26
	CdO M = 128,41 g/mol					
	assay 99,7%					
	lead (Pb) 0,005%					
	iron (Fe) 0,005%					
	copper (Cu) 0,0005%					
	zinc (Zn) 0,001%					
	chloride (Cl) 0,005%					
	sulphate (SO ₄) 0,03%					
	 R: 23/25-33-40 S: 22-44 disposal: 26					


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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
148	Cadmium sulphate R. G., Reag. ACS	PF.	100 g	14,—	11,90	11,20	10,50
1 2570 3	Cadmium sulfate / Cadmio sulfato	PF.	500 g	57,50	48,90	46,—	44,30
	$\text{CdSO}_4 \cdot \frac{8}{3}\text{H}_2\text{O}$ $M = 256,51$ g/mol	2838					
	assay min. 99%						
	insoluble in water max. 0,005%						
	arsenic (As) max. 0,00001%						
	lead (Pb) max. 0,002%						
	calcium (Ca) max. 0,005%						
	iron (Fe) max. 0,0005%						
	potassium (K) max. 0,005%						
	copper (Cu) max. 0,001%						
	sodium (Na) max. 0,005%						
	zinc (Zn) max. 0,001%						
	chloride (Cl) max. 0,001%						
	nitrate (NO ₃) max. 0,002%						
	 R: 20/21/22 S: 22 disposal: 26						
1720	Cadmium sulphate chem. pure Erg. B. 6	PF.	100 g	10,75	9,15	8,60	8,05
1 2570 3	Cadmium sulfate / Cadmio sulfato	PF.	500 g	37,25	31,65	29,80	28,70
	$\text{CdSO}_4 \cdot \frac{8}{3}\text{H}_2\text{O}$ $M = 256,51$ g/mol	PF.	1 kg	68,50	58,25	54,80	52,75
	assay 98%	FTP.	50 kg	price on request			
	arsenic (As) 0,0005%	2838					
	iron (Fe) 0,002%						
	zinc (Zn) 0,01%						
	matters not precipitated by						
	hydrogen sulphide (as sulphates) 0,2%						
	chloride (Cl) 0,005%						
	nitrate (NO ₃) 0,01%						
	 R: 20/21/22 S: 22 disposal: 26						
1723	Cadmium sulphide orange, 99%	PF.	250 g	34,25	29,10	27,40	25,70
	Cadmium sulfure / Cadmio sulfuro	PF.	1 kg	124,—	105,40	99,20	95,50
	CdS $M = 144,48$ g/mol	FTP.	50 kg	price on request			
		2835					
1040	Cadmium sulphide for photo resistance	PF.	100 g	55,50	47,20	44,40	41,65
	Cadmium sulfure / Cadmio sulfuro	PF.	250 g	125,50	106,70	100,40	94,15
	CdS $M = 144,48$ g/mol	PF.	500 g	229,—	194,65	183,20	176,35
		PF.	1 kg	419,—	356,15	335,20	322,65
		2835					
3107	Caesignost® R.G.	WG.	5 g	54,50	46,35	43,60	40,90
	Caesignost® / Caesignost®	2934					
	® = trade mark of Heyl & Co.						
	$\text{NaB}(\text{C}_6\text{H}_5)_3\text{CN}$						
	$\text{C}_{19}\text{H}_{15}\text{BNNa}$ $M = 291,13$ g/mol						
	Caesium see see Cesium						
	Caffeic acid see 3,4-Dihydroxycinnamic acid						
		WG.	5 g	54,50	46,35	43,60	40,90
3964	Caffeine PROSYNTH®	WG.	100 g	12,—	10,20	9,60	9,—
	Caféine / Cafeina	2942					
	$\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$ $M = 194,19$ g/mol						
	assay 99%						
	melting range 235—238 °C						
3170	Calcein indicator for the complexometry	FL.	1 g	12,—	10,20	9,60	9,—
	Calcéine / Calceína	WG.	10 g	72,50	61,65	58,—	54,40
	$\text{C}_{30}\text{H}_{26}\text{N}_2\text{O}_{13}$ $M = 622,54$ g/mol	2935					
	Calcit see Calcium carbonate						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	
				(1 Box)	(4 Boxes)	(18 Boxes)	
12001	Calcium granular 2—6 mm	BL.	100 g	18,75	15,95	15,—	1
A 4.3/1A	Calcium / Calcio	BL.	1 kg	119,—	101,15	95,20	9
C 4.3 1401 2	Ca M= 40,08 g/mol	2805					
	assay 97—99%						
	 R: 15 S: 8-24/25-43A disposal: 28						
38604	0,100 g Calcium FIXANAL® water-soluble standard for atom absorption 0,100 g Calcium / 0,100 g Calcio	3819	1 pack	10,25	8,70	8,20	
	ampoule						
38652	0,100 g organo-Calcium FIXANAL® petroleum ether-soluble standard for atom absorption	3819	1 pack	33,75	28,70	27,—	2
A 3/3							
C 3.3 1115 2	0,100 g organo-Calcium / 0,100 g organo-Calcio						
+25 °C	ampoule						
	R: 10						
38558	1,00 g Calcium FIXANAL® watersoluble standard for atom absorption 1,00 g Calcium / 1,00 g Calcio	3819	1 pack	10,25	8,70	8,20	7
	ampoule						
38845	10,00 g Calcium FIXANAL® as Calcium chloride 10,00 g Calcium / 10,00 g Calcio	3819	1 pack	18,75	15,95	15,—	14
	ampoule						
25011	Calcium acetate chem. pure Calcium acétate / Calcio acetato Ca(CH ₃ COO) ₂ · xH ₂ O C ₄ H ₆ CaO ₄ · xH ₂ O M= (anhydrous) 158,17 g/mol assay of Ca (CH ₃ COO) ₂ 94 % pH (5%, 20 °C) pH (5%, 20 °C) arsenic (As) 0,0005 % iron (Fe) 0,002 % heavy metals (as Pb) 0,001 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,05 % KMnO ₄ red. matter (as HCOOH) 0,2 %	PF. S. 2914	1 kg 25 kg	19,— kg 6,—	16,15 6,—	15,20	14
25012	Calcium acetate pure Calcium acétate / Calcio acetato Ca(CH ₃ COO) ₂ · xH ₂ O C ₄ H ₆ CaO ₄ · xH ₂ O M= (anhydrous) 176,18 g/mol assay of Ca(CH ₃ COO) ₂ 94 % arsenic (As) 0,0001 % iron (Fe) 0,005 % heavy metals (as Pb) 0,005 % chloride (Cl) 0,01 % sulphate (SO ₄) 0,1 %	PF. S. S. S. 2914	1 kg 25 kg 5x 10x	14,75 kg kg kg 4,—	12,55 4,65 4,25 4,—	11,80	11,
20105	Calcium sec.-amylallylbarbiturate Calcium sec.-amylallylbarbiturate / Calcio sec.- amilalilbarbiturato	PF. FTP. 2925	1 kg 50 kg	price on request price on request			
04223	Calciumbis(dihydrogen phosphate) chem. pure cryst. Calciumbis(dihydrogénophosphate) / Calciobis(dihidrógeno-fosfato) Ca(H ₂ PO ₄) ₂ · H ₂ O M= 252,07 g/mol assay 92 % free acid (H ₃ PO ₄) 5 % arsenic (As) 0,0001 % iron (Fe) 0,01 % heavy metals (as Pb) 0,001 % chloride (Cl) 0,002 % sulphate (SO ₄) 0,05 %	PF. PF. S. 2840	1 kg 2,5 kg 50 kg	25,75 54,50 price on request	21,90 45,25	20,60 42,50	19,8 40,9


de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
106	Calcium bromide chem. pure Erg. B. 6, B. P. C. 1949, N. F. XI <i>Calcium bromure / Calcio bromuro</i> CaBr ₂ · 2H ₂ O M = 235,92 g/mol assay 100% arsenic (As) 0,0003% iron (Fe) 0,003% heavy metals (as Pb) 0,0005% chloride (Cl) 0,03%	PF. PF. FTP. 2830	1 kg 2,5 kg 50 kg	33,25 74,— price on request	28,25 61,40 price on request	26,60 57,70 price on request	25,60 55,50 price on request
1208	Calcium carbonate R. G. <i>Calcium carbonate / Calcio carbonato</i> CaCO ₃ M = 100,09 g/mol assay min. 99% insoluble in hydrochloric acid max. 0,005% barium (Ba) max. 0,005% lead (Pb) max. 0,0005% potassium (K) max. 0,01% iron (Fe) max. 0,001% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,05% sodium (Na) max. 0,2% strontium (Sr) max. 0,1% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. PF. 2842	250 g 500 g 1 kg	12,— 20,— 36,—	10,20 17,— 30,60	9,60 16,— 28,80	9,— 15,40 27,70
312	Calcium carbonate for silicate analysis <i>Calcium carbonate / Calcio carbonato</i> CaCO ₃ M = 100,09 g/mol assay min. 99% insoluble in acid max. 0,005% barium (Ba) max. 0,02% iron (Fe) max. 0,001% potassium (K) max. 0,002% magnesium (Mg) max. 0,02% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,001% strontium (Sr) max. 0,02% chloride (Cl) max. 0,02% sulphate (SO ₄) max. 0,01% total nitrogen (N) max. 0,01%	PF. 2842	1 kg	40,25	34,20	32,20	31,—
010	Calcium carbonate chem. pure precipitated Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Calcium carbonate / Calcio carbonato</i> CaCO ₃ M = 100,09 g/mol assay (calculated on dried substance) 99% insoluble in hydrochloric acid 0,1% loss on drying (200 °C, 4 h) 0,5% alkali metals and magnesium (as sulphates) 0,5% arsenic (As) 0,0002% iron (Fe) 0,01% heavy metals (as Pb) 0,001% chloride (Cl) 0,02% fluorine (F) 0,002% sulphate (SO ₄) 0,05%	PF. K. S. S. 2842	1 kg 2,5 kg 25 kg 5x	11,— 22,75 kg kg	9,35 18,90 1,85 1,75	8,80 17,75 kg kg	8,45 17,05 kg kg
009	Calcium carbonate pure precipitated light snow-white <i>Calcium carbonate / Calcio carbonato</i> CaCO ₃ M = 100,09 g/mol assay 98,5% iron (Fe) 0,03% chloride (Cl) 0,05% sulphate (SO ₄) 0,1%	K. S. S. 2842	2,5 kg 25 kg 5x	18,75 kg kg	15,55 1,45 1,35	14,65 kg kg	14,05 kg kg
214	Calcium chloride 98% granular for micro-analysis <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ M = 110,99 g/mol granulation abt. 0,5—2 mm	PF. PF. 2830	500 g 1 kg	36,— 66,—	30,60 56,10	28,80 52,80	27,70 50,80
030	Calcium chloride 98—99% crude coarse granular <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol granulation abt. 0,8—4 cm	PF. S. 2830	2,5 kg 50 kg	28,50 price on request	23,65 price on request	22,25 price on request	21,40 price on request



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				1x	6x	24x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
12021	Calcium chloride 95% pure granular <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ M = 110,99 g/mol assay 95% iron (Fe) 0,002% heavy metals (as Pb) 0,002% sulphate (SO ₄) 0,05% granulation abt. 3–10 mm	PF. PF. S. 2830	1 kg 2,5 kg 50 kg	15,50 32,— price on request	13,20 26,55	12,40 24,95	1 2
12029	Calcium chloride 90–95% crude powder <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol	PF. S. 2830	5 kg 50 kg	38,75 price on request	32,15	30,25	2
12031	Calcium chloride 90–95% crude fine granular (abt. 1 cm) <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol	PF. PF. 2830	1 kg 2,5 kg	20,75 44,25	17,65 36,75	16,60 34,50	1 3
12018	Calcium chloride abt. 90% pure granular <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol assay 90% loss on ignition (600 °C, 15 min.) 9% iron (Fe) 0,001% heavy metals (as Pb) 0,001%	PF. PF. S. 2830	1 kg 2,5 kg 25 kg	21,50 45,25 price on request	18,30 37,55	17,20 35,30	1 3
31216	Calcium chloride 84% R. G. granular <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol assay of CaCl ₂ 82–86% pH (5%, 20 °C) 6–9 iron (Fe) max. 0,0005% magnesium (Mg) max. 0,1% sodium (Na) max. 0,05% heavy metals (as Pb) max. 0,001% sulphate (SO ₄) max. 0,05% granulation abt. 3–10 mm	PF. PF. PF. FTP. 2830	500 g 1 kg 2,5 kg 50 kg	14,50 26,25 56,— kg 12,—	12,35 22,30 46,50	11,60 21,— 43,70	1 2 4
12069	Calcium chloride 84% chem. pure granular <i>Calcium chlorure / Calcio cloruro</i> CaCl ₂ · xH ₂ O M = (anhydrous) 110,99 g/mol assay of CaCl ₂ 82–86% pH range (5%, 20 °C) 6–9 iron (Fe) 0,001% magnesium (Mg) 0,3% sodium (Na) 0,1% heavy metals (as Pb) 0,001% sulphate (SO ₄) 0,05% granulation abt. 3–10 mm	PF. PF. PF. S. S. 2830	500 g 1 kg 5 kg 50 kg 5x	10,75 16,75 62,50 kg 6,50 kg 6,35	9,15 14,25 51,90	8,60 13,40 48,75	8 12 46
31307	Calcium chloride-2-hydrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Calcium chlorure-2-hydrate / Calcio cloruro-2-hidrato</i> CaCl ₂ · 2H ₂ O M = 147,02 g/mol assay 99–101% insoluble in water max. 0,005% pH (5%, 20 °C) 5–8 ammonium (NH ₄) max. 0,005% arsenic (As) max. 0,0001% barium (Ba) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,005% magnesium (Mg) max. 0,005% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,01%	PF. PF. PF. FTP. 2830	500 g 1 kg 5 kg 50 kg	11,— 15,50 59,— kg 5,—	9,35 13,20 48,95	8,80 12,40 46,—	8 11 44



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					(1 Box)	(4 Boxes)	(16 Boxes)
2064	Calcium chloride-2-hydrate chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Calcium chlorure-2-hydrate / Calcio cloruro-2-hidrato</i> $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ $M = 147,02$ g/mol assay 100% free acid (as HCl) 0,002% free alkali (as CaO) 0,002% aluminium (Al) passes test arsenic (As) 0,0001% barium (Ba) passes test iron (Fe) 0,0005% magnesium (Mg) 0,03% sodium (Na) 0,005% heavy metals (as Pb) 0,0005% sulphate (SO_4) 0,01%	PF. PF. PF. S. 2830	1 kg 2,5 kg 5 kg 50 kg price on request	11,75	10,—	9,40	9,05
2074	Calcium chloride-6-hydrate chem. pure cryst. Erg. B. 6, Cod. Franç. 1965, Ph. Nord. 1963 <i>Calcium chlorure-6-hydrate / Calcio cloruro-6-hidrato</i> $\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 219,08$ g/mol assay 99% congealing range 28,5—30,0 °C arsenic (As) 0,0001% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% substances not precipitated by ammonium oxalate (as sulphates) 0,4% sulphate (SO_4) 0,01%	PF. PF. S. 2830	1 kg 5 kg 50 kg price on request	9,50	8,10	7,60	7,30
5106	Calcium citrate pure Erg. B. 6 <i>Calcium citrate / Calcio citrato</i> $\text{Ca}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot 4\text{H}_2\text{O}$ $\text{C}_{12}\text{H}_{10}\text{Ca}_3\text{O}_{14} \cdot 4\text{H}_2\text{O}$ $M = 570,50$ g/mol assay 99% arsenic (As) 0,0001% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,01%	PF. PF. 2916	500 g 2,5 kg price on request	11,50	9,80	9,20	8,85
	Calcium dihydrogen phosphate see Calciumbis(dihydrogen phosphate)						
6046	Calcium fluoride (europium activated) for scintillation <i>Calcium fluorure / Calcio fluoruro</i>	PF. PF. 3207	100 g 1 kg price on request				
7881	Calcium fluoride PURANAL® <i>Calcium fluorure / Calcio fluoruro</i> CaF_2 $M = 78,08$ g/mol analytical data on request	PF. FTP. 2829	5 kg 50 kg price on request				
1129	Calcium fluoride COTAL® powder <i>Calcium fluorure / Calcio fluoruro</i> CaF_2 $M = 78,08$ g/mol	PF. FTP. 2829	100 g 25 kg price on request	33,25	28,25	26,60	24,95
1123	Calcium fluoride pure <i>Calcium fluorure / Calcio fluoruro</i> CaF_2 $M = 78,08$ g/mol assay 96% arsenic (As) 0,0005% lead (Pb) 0,01% iron (Fe) 0,03% chloride (Cl) 0,1% sulphate (SO_4) 0,005%	PF. PF. PF. S. 2829	500 g 1 kg 2,5 kg 50 kg price on request	17,25	14,65	13,80	13,30
1219	Calcium fluoride for glass industry <i>Calcium fluorure / Calcio fluoruro</i> CaF_2 $M = 78,08$ g/mol assay of CaO 68,5—71,8% assay of F 46,0—48,7% loss on ignition (500 °C) max. 1,5% iron (as Fe_2O_3) max. 0,003%	PF. FTP. 2829	1 kg 50 kg price on request				

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			1x	6x	24x	9x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(10 Boxes)	
01905	Calcium fluoride native (fluorspar) powder <i>Calcium fluorure / Calcio fluoruro</i> CaF ₂ M = 78,08 g/mol	PF. S. 2531	5 kg 50 kg	32,75 price on request	27,20	25,55	24
12036	Calcium hydride <i>Calcium hydrure / Calcio hidruro</i> CaH ₂ M = 42,10 g/mol	BL. BL. BL. 2857	50 g 250 g 500 g	11,— 44,50 81,—	9,35 37,85 68,85	8,80 35,60 64,80	8 33 62
assay of calcium (Ca) 94% aluminium (Al) 0,3% magnesium (Mg) 1% nitrogen (N) 0,6%  R: 15 S: 7/8-24/25-43A disposal: 28							
04232	Calcium hydrogen phosphate chem. pure anhydrous powder <i>Calcium hydrogénophosphate / Calcio hidrógeno-fosfato</i> CaHPO ₄ M = 136,06 g/mol	PF. S. 2840	1 kg 50 kg	22,50 price on request	19,15	18,—	17
assay 98% loss on ignition (850 °C) 6,5—8,5% arsenic (As) 0,001% iron (Fe) 0,1% heavy metals (as Pb) 0,003% chloride (Cl) 0,05% sulphate (SO ₄) 0,5% average granulation abt. 0,05 mm apparent density 1,2							
04231	Calcium hydrogen phosphate-2-hydrate chem. pure Ph. Eur. I, Ph. Franç. IX <i>Calcium hydrogénophosphate-2-hydrate / Calcio hidrógeno-fosfato-2-hidrato</i> CaHPO ₄ · 2H ₂ O M = 172,09 g/mol	PF. PF. S. S. 2840	1 kg 5 kg 50 kg 5x	14,25 48,— kg kg	12,10 39,85 5,30 5,05	11,40 37,45	10, 36,
assay 99,5% arsenic (As) 0,0001% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,01% fluoride (F) 0,005% sulphate (SO ₄) 0,1%							
31219	Calcium hydroxide R. G. Reag. Ph. Eur. I <i>Calcium hydroxide / Calcio hidróxido</i> Ca(OH) ₂ M = 74,09 g/mol	PF. PF. FTP. 2828	500 g 1 kg 50 kg	13,— 21,75 kg	11,05 18,50 7,85	10,40 17,40	10, 16,
assay min. 96% assay of CaCO ₃ max. 3% insoluble in hydrochloric acid max. 0,1% iron (Fe) max. 0,05% heavy metals (as Pb) max. 0,005% substances not precipitated by ammonium oxalate (as sulphates) max. 2,5% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,05%							
12038	Calcium hydroxide <i>Calcium hydroxyde / Calcio hidróxido</i> Ca(OH) ₂ M = 74,09 g/mol	PF. S. S. S. S. 2522	2,5 kg 30 kg 5x 10x 20x	13,75 kg kg kg kg	11,40 1,20 1,10 1,05 1,—	10,75	10,2
assay 97% iron (Fe) 0,1% heavy metals (as Pb) 0,005% substances not precipitated by ammonium oxalate (as sulphates) 2,5% chloride (Cl) 0,02% sulphate (SO ₄) 0,05% penta-Calcium hydroxide triphosphate see tri-Calcium phosphate							

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2103 9 2208 2	Calcium hypochlorite DAB 6 <i>Chaux chlorure / Cal cloruro</i>	S. 2831	50 kg	price on request			
04408	Calcium hypophosphite chem. pure DAC, B. P. C 1963, N. F. X <i>Calcium hypophosphite / Calcio hipofosfito</i> $\text{Ca}(\text{PH}_2\text{O}_2)_2$ $M = 170,06$ g/mol assay 98—101 % loss on drying (105 °C, 1 h) 1 % free acid (as H_3PO_4) 0,4 % arsenic (As) 0,0001 % barium (Ba) passes test iron (Fe) 0,0005 % heavy metals (as Pb) 0,0005 % chloride (Cl) 0,005 % phosphate and phosphite passes test sulphate (SO_4) 0,02 %	PF. PF. FTP. 2840	1 kg 5 kg 50 kg	45,— 189,—	38,25 156,85	36,— 147,40	34,65 141,75
3106	Calcium iodide-4-hydrate chem. pure <i>Calcium iodure-4-hydrate / Calcio yoduro-4-hidrato</i> $\text{CaI}_2 \cdot 4\text{H}_2\text{O}$ $M = 365,95$ g/mol assay 99 % iron (Fe) 0,0005 % heavy metals (as Pb) 0,001 % substances not precipitated by ammonium oxalate (as sulphates) 0,3 % bromide and chloride (as Cl) 0,03 % thiosulphate (S_2O_3) 0,1 %	WG. 2830	500 g	49,50	42,10	39,60	38,10
5303	Calcium lactate <i>Calcium lactate / Calcio lactato</i> $\text{Ca}(\text{CH}_3\text{CHOHCOO})_2 \cdot x\text{H}_2\text{O}$ $\text{C}_6\text{H}_{10}\text{CaO}_6 \cdot x\text{H}_2\text{O}$ $M = (\text{anhydrous}) 218,22$ g/mol assay of $\text{C}_6\text{H}_{10}\text{CaO}_6$ (in dried substance) 98 % loss on drying (120 °C) 24 % alkali- and magnesium ions (as sulphates) 0,5 % iron (Fe) 0,002 % heavy metals (as Pb) 0,002 % chloride (Cl) 0,005 % sulphate (SO_4) 0,01 %	PF. S. S. S. 2916	1 kg 25 kg 5x 10x	17,25 kg kg kg	14,65 7,50 7,30 7,15	13,80	13,30
5364	Calcium malonate (water containing) <i>Calcium malonate / Calcio malonato</i> $\text{Ca}(\text{OCO})_2\text{CH}_2$ $\text{C}_3\text{H}_2\text{CaO}_4$ $M = 142,13$ g/mol assay 80—81 % iron (Fe) 0,03 % sulphate (SO_4) 0,01 %	PF. FTP. 2915	1 kg 50 kg	31,50	26,80	25,20	24,25
1618	Calcium metaborate technical powder <i>Calcium métaborate / Calcio metaborato</i> $\text{Ca}(\text{BO}_2)_2 \cdot 2\text{H}_2\text{O}$ $M = 161,73$ g/mol assay of calcium (as CaO) 33 % assay of boron (as B_2O_3) 43 % loss on ignition (800 °C, 2 h) 24 % Calcium metaborate see Calcium meta-borate	PF. S. 2846	1 kg 50 kg	14,75	12,55	11,80	11,35
1218 5.1 1454 3	Calcium nitrate-4-hydrate R. G. <i>Calcium nitrate-4-hydrate / Calcio nitrato-4-hidrato</i> $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ $M = 236,15$ g/mol assay min. 98 % insoluble in water max. 0,005 % pH (5 %, 20 °C) 4,5—7,0 ammonium (NH_4) max. 0,005 % barium (Ba) max. 0,005 % iron (Fe) max. 0,0005 % magnesium (Mg) max. 0,05 % sodium (Na) max. 0,05 % heavy metals (as Pb) 0,001 % chloride (Cl) max. 0,002 % phosphate (PO_4) max. 0,001 % sulphate (SO_4) max. 0,005 %	PF. PF. FTP. 2839	500 g 1 kg 50 kg	10,75 19,50 kg	9,15 16,60 7,55	8,60 15,60	8,30 15,—



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			1x	6x	24x	9	
				(1 Box)	(4 Boxes)	(16 Boxes)	
12040	Calcium nitrate-4-hydrate chem. pure	PF.	1 kg	12,—	10,20	9,60	9
C 5.1 1454 3	Calcium nitrate-4-hydrate / Calcio nitrato-4-hidrato	PF.	5 kg	41,—	34,05	32,—	30
	Ca(NO ₃) ₂ · 4H ₂ O M = 236,15 g/mol	S.	50 kg	price on request			
	assay 98%	2839					
	pH (5%, 20 °C) 4—7						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,01%						
12044	Calcium oxide DAB 6, N. F. XII	BL.	1 kg	11,—	9,35	8,80	8
	Calcium oxyde / Calcio óxido	PF.	5 kg	34,50	28,65	26,90	25
	CaO M = 56,08 g/mol	2522					
	assay (ex ignited substance) 98,5%						
	insoluble in hydrochloric acid 0,1%						
	loss on ignition 5%						
	substances not precipitated by ammonium oxalate (as sulphates) 2%						
12076	Calcium oxide	PF.	500 g	9,50	8,10	7,60	7
	Calcium oxyde / Calcio óxido	PF.	1 kg	16,50	14,05	13,20	12
	CaO M = 56,08 g/mol	2828					
	assay (acidimetric) 95%						
	insoluble in hydrochloric acid 0,1%						
	loss on ignition 3%						
	iron (Fe) 0,03%						
	heavy metals (as Pb) 0,005%						
	substances not precipitated by ammonium oxalate (as sulphates) 3%						
	chloride (Cl) 0,05%						
	sulphate (SO ₄) 0,5%						
12047	Calcium oxide fine powder	PF.	1 kg	10,50	8,95	8,40	8
	Calcium oxyde / Calcio óxido	PF.	5 kg	31,25	25,95	24,40	23
	CaO M = 56,08 g/mol	S.	50 kg	price on request			
	assay (ex ignited substance) 96%	2522					
	insoluble in hydrochloric acid 0,5%						
	loss on ignition 2,5%						
	substances not precipitated by ammonium oxalate (as sulphates) 2%						
39219	Calcium-D(+)-pantothenate BIOSYNTH®	PF.	50 g	44,25	37,60	35,40	33
	Calcium-D(+)-pantothénate / Calcio-D(+)-pantotenato	2938					
	[HOCH ₂ C(CH ₃) ₂ CHOHCONHCH ₂ CH ₂ COO] ₂ Ca						
	C ₁₈ H ₃₂ CaN ₂ O ₁₀ M = 476,54 g/mol						
	assay (ex Ca) 97,5%						
	melting range 200—201 °C						
	specific rotation ([α] _D ²⁰ ; c=5 in H ₂ O) +26° ± 2°						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						
12107	Calcium peroxide for Thiokol® hardening abt. 60% CaO ₂	WG.	1 kg	28,25	24,—	22,60	21
A 5.1/9B	Calcium peroxyde / Calcio peróxido	BLT.	50 kg	price on request			
C 5.1 1457 2	® = trade mark of Thiokol Co.	2828					
	CaO ₂ M = 72,08 g/mol						
	 R: 9 S: 24/25-27						
	disposal: 16						
30406	tri-Calcium phosphate R. G.	PF.	250 g	38,25	32,50	30,60	28,7
	tri-Calcium phosphate / tri-Calcio fosfato	PF.	1 kg	132,—	112,20	105,60	101,6
	Ca ₃ (PO ₄) ₃ OH M = 502,32 g/mol	2840					
	insoluble in hydrochloric acid max. 0,015%						
	arsenic (As) max. 0,0002%						
	barium (Ba) max. 0,01%						
	iron (Fe) max. 0,005%						
	magnesium (Mg) max. 0,05%						
	heavy metals (as Pb) max. 0,01%						
	chloride (Cl) max. 0,005%						
	total nitrogen (N) max. 0,1%						










Index-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
1238	tri-Calcium phosphate chem. pure B. P. C. 1973 <i>tri-Calcium phosphate / tri-Calcio fosfato</i> $\text{Ca}_5(\text{PO}_4)_3\text{OH}$ $M = 502,32 \text{ g/mol}$ assay [as $\text{Ca}_3(\text{PO}_4)_2$] 97% insoluble in hydrochloric acid 0,2% water (according to Karl Fischer) 2% arsenic (As) 0,0002% lead (Pb) 0,0003% iron (Fe) 0,02% chloride (Cl) 0,1% fluorine (F) 0,005% sulphate (SO_4) 0,5% Calcium phosphate dibasic see Calcium hydrogen phosphate Calcium phosphate monobasic see Calciumbis(dihydrogen phosphate) Calcium phosphate tribasic see <i>tri-Calcium phosphate</i>	PF. PF. S. 2840	1 kg 2,5 kg 25 kg price on request	19,—	16,15	15,20	14,65
1501	Calcium phosphide <i>Calcium phosphure / Calcio fosfuro</i> Ca_3P_2 $M = 182,19 \text{ g/mol}$ assay of active phosphorus (P) 12%   R: 15-29-28 S: 1/2-22-43A-45 disposal: 29	BL. BL. 2855	250 g 1 kg	13,25	11,25	10,60	9,95
1704	Calcium propionate <i>Calcium propionate / Calcio propionato</i> $\text{Ca}(\text{CH}_3\text{CH}_2\text{COO})_2$ $\text{C}_6\text{H}_{10}\text{CaO}_4$ $M = 186,22 \text{ g/mol}$ assay in dried substance 99,5% loss on drying (105 °C, 4 h) 4% pH (10%, 20 °C) 7—9 arsenic (As) 0,0001% lead (Pb) 0,0005% iron (Fe) 0,0005% copper (Cu) 0,001% magnesium (Mg) 0,1% zinc (Zn) 0,001% Calcium rhodanide see Calcium thiocyanate	PF. S. 2914	1 kg 25 kg price on request	19,—	16,15	15,20	14,65
1728	Calcium-D-saccharate BIOSYNTH® <i>Calcium-D-saccharate / Calcio-D-sacarato</i> $\text{C}_6\text{H}_8\text{CaO}_8 \cdot 4\text{H}_2\text{O}$ $M = 320,27 \text{ g/mol}$	PF. 2943	100 g	37,75	32,10	30,20	28,30
1703	Calcium silicate pure <i>Calcium silicate / Calcio silicato</i> assay of CaO 17—20% assay of SiO_2 59—65% Calcium silicofluoride see Calcium fluorosilicate	PF. PF. S. 2845	500 g 1 kg 20 kg price on request	9,—	7,65	7,20	6,95
1411	Calcium stearate pure <i>Calcium stéarate / Calcio estearato</i>	PF. S. 2914	1 kg 20 kg price on request	18,—	15,30	14,40	13,85
1411	Calcium sucrate <i>Chaux sucrée / Cal azucarada</i>	PF. S. 3003	1 kg 50 kg price on request	17,25	14,65	13,80	13,30
1221	Calcium sulphate-2-hydrate R. G. <i>Calcium sulfate-2-hydrate / Calcio sulfato-2-hidrato</i> $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ $M = 172,17 \text{ g/mol}$ assay 99—101% insoluble in hydrochloric acid max. 0,02% free acid (as H_2SO_4) max. 0,01% iron (Fe) max. 0,0005% magnesium and alkalis (as sulphates) max. 0,2% heavy metals (as Pb) max. 0,001% carbonate (as CO_2) max. 0,005% chloride (Cl) max. 0,005% nitrate (NO_3) max. 0,005%	PF. PF. PF. 2838	250 g 500 g 1 kg	13,25	11,25	10,60	9,95



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
12056	Calcium sulphate-2-hydrate pure <i>Calcium sulfate-2-hydrate / Calcio sulfato-2-hidrato</i> $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ $M = 172,17 \text{ g/mol}$ insoluble in hydrochloric acid 0,02% loss on ignition (500 °C, 4 h) 21% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005%	PF. S. 2838	1 kg 50 kg	14,75 price on request	12,55	11,80	1
12060	Calcium sulphide 45% CaS technical <i>Calcium sulfure / Calcio sulfuro</i>  R: 31-36/37/38 S: 28 disposal: 9 Calcium sulphide (poly) liquid see Vlemingkx's solution Calcium sulphocyanide see Calcium thiocyanate Calcium tetrahydrogen diphosphate see Calciumbis(dihydrogen phosphate)	PF. BLT. 2835	1 kg 50 kg	34,50 price on request	29,35	27,60	2
12061	Calcium thiocyanate pure <i>Calcium thiocyanate / Calcio tiocianato</i> $\text{Ca}(\text{SCN})_2 \cdot 4\text{H}_2\text{O}$ $M = 228,31 \text{ g/mol}$ assay 98% iron (Fe) 0,0005% heavy metals (as Pb) 0,002% sulphate (SO_4) 0,05%  R: 20/21/22-32 S: 2-13 disposal: 8	PF. PF. 2844	250 g 1 kg	16,75 49,—	14,25 41,65	13,40 39,20	12 37
56047	Calcium tungstate for scintillation <i>Calcium tungstate / Calcio tungstato</i> Calcium tungstate "CW" for luminescent lamps Offer on request. Booklet LUMILUX® on demand Calcium tungstate "CWR" for X-ray Offer on request. Booklet LUMILUX® on demand	PF. 3207	500 g	price on request			
33264	Calcon® indicator for metal titration (C.I. No. 15705) <i>Calcon® / Calcon®</i> ® = trade mark of Benckiser $\text{C}_{20}\text{H}_{13}\text{N}_2\text{NaO}_5\text{S}$ $M = 416,39 \text{ g/mol}$	WG. 2928	50 g	10,75	9,15	8,60	8
33171	Calconcarboxylic acid (Cal-Red) <i>Acide calconecarboxylique / Acido calconcarboxilico</i> $\text{HO}_3\text{SC}_{10}\text{H}_5(\text{OH})\text{NNC}_{10}\text{H}_5(\text{OH})\text{COOH}$ $\text{C}_{21}\text{H}_{14}\text{N}_2\text{O}_7\text{S}$ $M = 438,42 \text{ g/mol}$	WG. WG. 2928	5 g 25 g	15,75 54,—	13,40 45,90	12,60 43,20	11 40
	Callosolve see Ethylene glycol monoethyl ether						
31822	Calmagite <i>Calmagite / Calmaguita</i> $\text{HOCH}_3\text{C}_6\text{H}_3\text{N}=\text{NC}_{10}\text{H}_5(\text{OH})\text{SO}_3\text{H}$ $\text{C}_{17}\text{H}_{14}\text{N}_2\text{O}_5\text{S}$ $M = 358,37 \text{ g/mol}$ Calomel see Mercury(I) chloride Cal Red see Calconcarboxylic acid	WG. 2928	5 g	19,75	16,80	15,80	14
62257 A 3/3 C 3.3 1993 2 40 °C	Camphene PROSYNTH® <i>Camphène / Canfeno</i> $\text{C}_{10}\text{H}_{18}$ $M = 136,24 \text{ g/mol}$ assay (GC) 80% melting range 44—47 °C R: 10 disposal: 6	FL. 2901	1 L	22,50	19,15	18,—	17



Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
0506	○ Camphor synthetic powder DAB 8 <i>Camphre / Alcanfor</i> $C_{10}H_{16}O$ $M = 152,24$ g/mol assay (in dried substance) 98% melting range 174–177 °C non-volatile matter 0,05%	BL. BL. BL. KT. 2913	500 g 1 kg 2,5 kg 25 kg	17,— 30,75 65,50 price on request	14,45 26,15 54,35	13,60 24,60 51,10	13,10 23,70 49,15
64708	D(+)-Camphorsulphonic acid PROSYNTH® <i>Acide D(+)-camphosulfonique / Acido D(+)-canfosulfónico</i> $C_{10}H_{16}O_4S$ $M = 232,30$ g/mol assay 99% melting range 191–193 °C (disint.) spezifical rotation ($[\alpha]_D^{20}$, $C=2$ in H_2O) ... +20 °C ±2 °C	WG. 2913	100 g	31,—	26,35	24,80	23,25
33328	Canada balsam for microscopy (n_D^{20}) 1,522 <i>Baume du Canada / Bálsamo del Canadá</i>	WG. WG. 1302	25 g 100 g	23,— 77,—	19,55 65,45	18,40 61,60	17,25 57,75
33329	Canada balsam for microscopy, extra pure, dried to glass hardness <i>Baume du Canada / Bálsamo del Canadá</i> package of 100 g	1302	1 pack	105,—	89,25	84,—	78,75
33331	Canada balsam for microscopy, glass hard in xylene solution (2 + 1) <i>Baume du Canada / Bálsamo del Canadá</i> +26 °C 1 L ≈ 0,98 kg	FL. FL. 1302	25 ml 100 ml	35,50 120,—	30,20 102,—	28,40 96,—	26,65 90,—
74007	Canada balsam "Riedel" <i>Baume du Canada "Riedel" / Bálsamo del Canadá "Riedel"</i>	EKL. 3304	30 kg	price on request			
39164	Capric acid BIOSYNTH® <i>Acide caprique / Acido cáprico</i> $CH_3(CH_2)_8COOH$ $C_{10}H_{20}O_2$ $M = 172,27$ g/mol assay (GC) 99% melting range 30–32 °C	WG. 2914	250 g	75,—	63,75	60,—	56,25
64751	Capric acid nitrile PROSYNTH® <i>Acide caprique nitrile / Acido cáprico nitrilo</i> $CH_3(CH_2)_8CN$ $C_{10}H_{19}N$ $M = 153,27$ g/mol assay (GC) 99% boiling range 241–243 °C refractive index (n_D^{20}) 1,429	FL. 2927	50 ml	24,75	21,05	19,80	18,55
62259	Caprinaldehyde PROSYNTH® <i>Caprinaldéhyde / Aldehído cáprico</i> $CH_3(CH_2)_8CHO$ $C_{10}H_{20}O$ $M = 156,27$ g/mol assay (GC) 96% boiling range 207–209 °C refractive index (n_D^{20}) 1,430	FL. 2911	100 ml	29,—	24,65	23,20	21,75
39378	n-Caproic acid BIOSYNTH® (n-Hexanoic acid) <i>Acide n-caproïque / Acido n-capróico</i> $CH_3(CH_2)_4COOH$ $C_6H_{12}O_2$ $M = 116,16$ g/mol 1 L ≈ 0,93 kg	FL. 2914	250 ml	25,75	21,90	20,60	19,30
60088	n-Caproic acid PROSYNTH® <i>Acide n-caproïque / Acido n-capróico</i> $CH_3(CH_2)_4COOH$ $C_6H_{12}O_2$ $M = 116,16$ g/mol assay (GC) 99% boiling range 202–203 °C refractive index (n_D^{20}) 1,416	FL. FL. 2914	250 ml 1 L	14,25 44,25	12,10 37,60	11,40 35,40	10,70 34,05




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(192 Boxes)
62261	ε-Caprolactam PROSYNTH® <i>ε-Caprolactame / ε-Caprolactama</i> <chem>NH(CH2)5CO</chem> <chem>C6H11NO</chem> $M = 113,16 \text{ g/mol}$ assay (GC) 98% melting range 68–70 °C	PF. 2935	1 kg	23,—	19,55	18,40	17,—
62262	ε-Caprolactone PROSYNTH® <i>ε-Caprolactone / ε-Caprolactona</i> <chem>CH2(CH2)4COO</chem> <chem>C6H10O2</chem> $M = 114,14 \text{ g/mol}$ 1 L ≈ 1,07 kg assay (GC) 99% boiling range (at 20 mbar) 96–98 °C refractive index (n_D^{20}) 1,463	FL. 2935	250 ml	35,—	29,75	28,—	26,—
62263 A 3/3 C 3.3 1993 2 +32 °C	Capronaldehyde PROSYNTH® <i>Capronaldéhyde / Aldehído capróico</i> <chem>CH3(CH2)4CHO</chem> <chem>C6H12O</chem> $M = 100,16 \text{ g/mol}$ 1 L ≈ 0,82 kg assay (GC) 99% boiling range 128–130 °C refractive index (n_D^{20}) 1,404 R: 10 disposal: 14	FL. 2911	250 ml	24,75	21,05	19,80	18,—
62264 A 6.1/21 C 3.3 1992 2 +40 °C	Capronitrile PROSYNTH® <i>Capronitrile / Capronitrilo</i> <chem>CH3(CH2)4CN</chem> <chem>C6H11N</chem> $M = 97,16 \text{ g/mol}$ 1 L ≈ 0,80 kg assay (GC) 98% boiling range 162–164 °C refractive index (n_D^{20}) 1,406	FL. 2935	100 ml	59,—	50,15	47,20	44,—
Capryl alcohol, sec. see 2-Octanol							
Capryl alcohol see 1-Octanol							
62266 A 3/3 C 3.3 1191 3 +52 °C	Caprylaldehyde PROSYNTH® <i>Caprylaldéhyde / Aldehído caprílico</i> <chem>CH3(CH2)6CHO</chem> <chem>C8H16O</chem> $M = 128,21 \text{ g/mol}$ 1 L ≈ 0,82 kg assay (GC) 99% boiling range 169–171 °C refractive index (n_D^{20}) 1,419 R: 10 disposal: 14	FL. 2911	100 ml	20,75	17,65	16,60	15,50
Caprylamine see Octylamine							
39426	n-Caprylic acid BIOSYNTH® <i>Acide n-caprylique / Acido n-caprílico</i> <chem>CH3(CH2)6COOH</chem> <chem>C8H16O2</chem> $M = 144,21 \text{ g/mol}$ 1 L ≈ 0,91 kg	FL. 2914	250 ml	25,75	21,90	20,60	19,30
27633	n-Caprylic acid chem. pure <i>Acide n-caprylique / Acido n-caprílico</i> <chem>CH3(CH2)6COOH</chem> <chem>C8H16O2</chem> $M = 144,21 \text{ g/mol}$ 1 L ≈ 0,91 kg assay 99,5% congealing point 15,5 °C density (D_4^{20}) 0,909–0,911 refractive index (n_D^{20}) 1,4270–1,4290 sulphated ash 0,05% iodine number 0,5	FL. FL. BA. 2914	100 ml 500 ml 20 kg	8,25 19,75 price on request	7,— 16,80	6,60 15,80	6,20 14,80




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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
2268	Caprylonitrile PROSYNTH® <i>Nitrile caprylique / Acido caprílico nitrilo</i>	FL. 2927	100 ml	34,50	29,35	27,60	25,90
6.1/21							
6.1 1935 1	CH ₃ (CH ₂) ₆ CN. C ₈ H ₁₅ N M = 125,21 g/mol 1 L ≈ 0,82 kg assay (GC) 97% boiling range 198—200 °C refractive index (n _D ²⁰) 1,420						
5846	Captafol min. 99% PESTANAL® (N-[1,1,2,2-Tetrachloroethylthio]-3a,4,7,7a-tetrahydrophthalimide) C ₁₀ H ₉ Cl ₄ NO ₂ S M = 349,06 g/mol	FL. 2931	1 g	28,25	24,—	22,60	21,20
5706	Captan min. 99% PESTANAL® (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide) C ₉ H ₈ Cl ₃ NO ₂ S M = 300,59 g/mol	FL. 2931	1 g	28,25	24,—	22,60	21,20
	Carbamide see Urea						
3294	Carbamoylcholine chloride PROSYNTH® <i>Carbamoylcholine chlorhydrate / Carbamoilcolina cloruro</i> NH ₂ COOCH ₂ CH ₂ N(CH ₃) ₃ Cl C ₆ H ₁₅ ClN ₂ O ₂ M = 182,65 g/mol assay (ex N) 99% melting range 210—212 °C (disint.)	WG. 2925	25 g	27,25	23,15	21,80	20,45
5709	Carbaryl min. 99% PESTANAL® (1-Naphthyl-N-methylcarbamate) C ₁₀ H ₇ OC(O)NHCH ₃ C ₁₂ H ₁₁ NO ₂ M = 201,22 g/mol	FL. 2921	1 g	21,50	18,30	17,20	16,15
6.1/81D							
6.1 1615 3							
	 R: 20/22-37 S: 2-13 disposal: 7						
2270	Carbazole PROSYNTH® <i>Carbazole / Carbazol</i> C ₆ H ₄ C ₆ H ₄ NH C ₁₂ H ₉ N M = 167,21 g/mol assay (GC) 98% melting range 243—245 °C	PF. 2935	250 g	14,—	11,90	11,20	10,50
	1-(Carbazoylmethyl)trimethylammonium chloride see Girard's reagent T						
5879	Carbendazime (BCM) min. 99% PESTANAL® (2-[Methoxycarbonylamino]-benzimidazole) C ₉ H ₉ N ₃ O ₂ M = 191,19 g/mol	FL. 2935	1 g	28,25	24,—	22,60	21,20
5167	Carbendazime (BCM) PROSYNTH® [2-(Methoxycarbonylamino)-benzimidazole] <i>Carbendazime (BCM) / Carbendacima (BCM)</i> C ₉ H ₉ N ₃ O ₂ M = 191,19 g/mol	WG. 2935	100 g	69,—	58,65	55,20	51,75
	Carbitol see Diethylene glycol monoethyl ether						
4802	Carbohydrazide PROSYNTH® <i>Carbohydrazide / Carbohidrazida</i> CO(NHNH ₂) ₂ CH ₆ N ₄ O M = 90,08 g/mol assay (ex N) 98% melting range 150—153 °C	WG. 2929	10 g	23,25	19,75	18,60	17,45
	 R: 23/24/25 S: 44 disposal: 6						
32901	Carbolfuchsin solution according to Ziehl-Neelsen for microscopy <i>Fuchsine phéniquée en solution / Fucsina fenicada en solución</i> 1 L ≈ 0,99 kg	FL. FL. FL. 3205	250 ml 1 L 2,5 L	9,50 19,50 40,25	8,10 16,60 33,40	7,60 15,60 31,40	7,15 15,— 30,20
3.3 1992 2							
+51 °C							


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				1x	6x	24x	
				(1 Box)	(4 Boxes)	(18 Boxes)	
32902	Carbol gentian-violet solution according to Gram for microscopy	PF.	250 ml	10,50	8,95	8,40	
C 3.3 1992 2	<i>Violet de gentiane phénique en solution / Violeta de genciana fenicado en solución</i>	PF.	1 L	17,50	14,90	14,—	16
+48 °C		3819					
	1 L ≈ 0,99 kg						
	 R: 20/21/22 S: 28 disposal: 6						
	Carbolic acid see Phenol						
	Carbolic acid, crude see Cresol crude						
32903	Carbolmethylene blue solution according to Kühne for microscopy	PF.	250 ml	13,25	11,25	10,60	
C 3.3 1992 2	<i>Bleu de carbolméthylène en solution / Azul de carbolmetileno en solución</i>	3819					
	1 L ≈ 0,99 kg						
	 R: 20/21/22 S: 28 disposal: 6						
32905	Carbolxylene DAB 6 for microscopy	FL.	250 ml	22,—	18,70	17,60	16
A 3/3	<i>Carbolxylène / Carbolxileno</i>	3819					
C 3.3 1992 2							
+30 °C	1 L ≈ 0,91 kg						
	 R: 10-23/24/25 S: 44 disposal: 6						
31627	Carbon disulphide R. G., Reag. ACS, Reag. Ph. Eur. I	FL.	500 ml	11,—	9,35	8,80	8
A 3/1A	<i>Carbone sulfure / Carbono sulfuro</i>	FL.	1 L	20,25	17,20	16,20	15
C 3.1 1131 1	CS ₂ M = 76,14 g/mol	KA.	25 kg	kg	8,15		
-30 °C	1 L ≈ 1,26 kg	2815					
	assay min. 99,9% boiling range 46—47 °C density (D ₄ ²⁰) 1,262—1,263 refractive index (n _D ²⁰) 1,6270—1,6290 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,01% hydrogen sulphide and foreign organic sulphur compounds (as S) max. 0,0001% sulphate (SO ₄) max. 0,00025% sulphite (as SO ₂) max. 0,001%						
	  R: 12-26 S: 27-29-33-43-45 disposal: 20						
13807	Carbon disulphide chem. pure	FL.	500 ml	10,75	9,15	8,60	8
A 3/1A	<i>Carbone sulfure / Carbono sulfuro</i>	FL.	1 L	19,—	16,15	15,20	14
C 3.1 1131 1	CS ₂ M = 76,14 g/mol	KA.	25 kg	kg	8,20		
-30 °C	1 L ≈ 1,26 kg	KA.	5x	kg	7,95		
	assay 99,5% boiling range 46—47 °C density (D ₄ ²⁰) 1,262—1,264 refractive index (n _D ²⁰) 1,6270—1,6290 non-volatile matter 0,001% hydrogen sulphide and foreign organic sulphur compounds (as S) 0,0001% sulphate (SO ₄) 0,0002% sulphite (as SO ₂) 0,001%	2815					
	  R: 12-26 S: 27-29-33-43-45 disposal: 20						
13809	Carbon disulphide rectified	FL.	1 L	16,75	14,25	13,40	12,9
A 3/1A	<i>Carbone sulfure / Carbono sulfuro</i>	KA.	25 kg	kg	5,15		
C 3.1 1131 1	CS ₂ M = 76,14 g/mol	KA.	5x	kg	4,85		
-30 °C	1 L ≈ 1,26 kg	KA.	10x	kg	4,60		
	  R: 12-26 S: 27-29-33-43-45 disposal: 20	2815					

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
605	Carbon monoxide absorbent absorbente for absorption of carbon monoxide out of gas compounds <i>Carbone monoxyde absorbente / Carbone monóxido absorbente</i>	FL. 3819	1 L	69,—	58,65	55,20	53,15
6066 6.1/62B 6.1 2516 3	Carbon tetrabromide PROSYNTH® <i>Carbone tétrabromure / Carbone tetrabromuro</i> CBr ₄ M = 331,63 g/mol assay (ex Br) 98 % melting range 91—93 °C  R: 20/21/22 S: 28 disposal: 13	WG. 2902	100 g	46,—	39,10	36,80	34,50
2215 6.1/61A 6.1 1846 2	Carbon tetrachloride R. G. (max. 0,0005 % S), Reag. Ph. Eur. I <i>Carbone tétrachlorure / Carbone tetrachloruro</i> CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg assay (GC) min. 99,8 % boiling range 76—77 °C density (D ₄ ²⁰) 1,592—1,595 refractive index (n _D ²⁰) 1,4600—1,4610 non-volatile matter max. 0,0005 % water (according to Karl Fischer) max. 0,02 % free acid (as HCl) max. 0,0002 % aluminium (Al) max. 0,00005 % barium (Ba) max. 0,00001 % lead (Pb) max. 0,00001 % boron (B) max. 0,000002 % cadmium (Cd) max. 0,000005 % calcium (Ca) 0,00005 % chromium (Cr) max. 0,000002 % iron (Fe) max. 0,00001 % cobalt (Co) max. 0,000002 % copper (Cu) max. 0,000002 % magnesium (Mg) max. 0,00001 % manganese (Mn) max. 0,000002 % nickel (Ni) max. 0,000002 % zinc (Zn) max. 0,00001 % tin (Sn) max. 0,00001 % free chlorine (Cl) max. 0,00003 % chloride (Cl) max. 0,0001 % substances iodine (as HCHO) max. 0,0002 % chloroform max. 0,05 % dichloromethan max. 0,05 % aldehydes (as HCHO) max. 0,0001 % carbon disulphide max. 0,0005 % organic impurities (as CH ₂ =CHCHO) max. 0,0005 % sulphur compounds (as S) max. 0,0005 % tetrachloroethylen max. 0,05 % trichloroethylen max. 0,05 %  R: 26/27 S: 2-38-45 disposal: 13	FL. FL. EKL. EKL. 2902	1 L 2,5 L 45 kg 5x	21,— 44,— kg kg	17,85 36,50 5,30 5,—	16,40 34,30	15,55 33,—

32235	Carbon tetrachloride R. G., for determinations with dithizone,	FL.	1 L	25,75	21,90	20,60	1
A 6.1/61A	Reag. Ph. Eur. I	2902					
C 6.1 1846 2	Carbone tétrachlorure / Carbono tetracloruro						
	CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg						
	assay (GC) min. 99,8%						
	boiling range 76–77 °C						
	density (D ₄ ²⁰) 1,592–1,595						
	refractive index (n _D ²⁰) 1,4600–1,4610						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,02%						
	free acid (as HCl) max. 0,0002%						
	aluminium (Al) max. 0,00005%						
	barium (Ba) max. 0,00001%						
	lead (Pb) max. 0,00001%						
	boron (B) max. 0,000002%						
	cadmium (Cd) max. 0,000005%						
	calcium (Ca) max. 0,00005%						
	chromium (Cr) max. 0,000002%						
	iron (Fe) max. 0,00001%						
	cobalt (Co) max. 0,000002%						
	copper (Cu) max. 0,000002%						
	magnesium (Mg) max. 0,00001%						
	manganese (Mn) max. 0,000002%						
	nickel (Ni) max. 0,000002%						
	zinc (Zn) max. 0,00001%						
	tin (Sn) max. 0,00001%						
	free chlorine (Cl) max. 0,00003%						
	chloride (Cl) max. 0,0001%						
	substances reducing iodine (as HCHO) max. 0,0002%						
	sulphur compounds (as S) max. 0,001%						
	reaction to sulphuric acid passes test						
	chloroform max. 0,05%						
	dichloromethan max. 0,05%						
	tetrachloroethylen max. 0,05%						
	trichloroethylen max. 0,05%						
	suitability for determinations with dithizone passes test						
	 R: 26/27 S: 2-38-45 disposal: 13						
34864	Carbon tetrachloride CHROMASOLV® for chromatography	FL.	1 L	25,—	21,25	20,—	19
A 6.1/61A	(UV-detection)	2902					
C 6.1 1846 2	Carbone tétrachlorure / Carbono tetracloruro						
	CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg						
	assay (GC) min. 99,7%						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,01%						
	free acid (as HCl) max. 0,0002%						
	free chlorine (Cl) max. 0,00005%						
	transmittance (1 cm cell; reference water)						
	transmittance/wavelength (nm):						
	min. 80%/275, min. 98%/from 290						
	 R: 26/27 S: 2-38-45 disposal: 13						

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
4948	Carbon tetrachloride R. G. dried (max. 0,01% H ₂ O)	FL.	1 L	27,—	22,95	21,60	20,80
6.1/61A	Carbone tétrachlorure / Carboneo tetracloruro	2902					
6.1 1846 2	CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg assay (GC) min. 99,8% boiling range 76—77 °C density (D ₄ ²⁰) 1,592—1,595 refractive index (n _D ²⁰) 1,4600—1,4610 non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,01% free acid (as HCl) max. 0,0002% aluminium (Al) max. 0,00005% barium (Ba) max. 0,00001% lead (Pb) max. 0,00001% boron (B) max. 0,000002% cadmium (Cd) max. 0,000005% calcium (Ca) max. 0,00005% chromium (Cr) max. 0,000002% iron (Fe) max. 0,00001% cobalt (Co) max. 0,000002% copper (Cu) max. 0,000002% magnesium (Mg) max. 0,00001% manganese (Mn) max. 0,000002% nickel (Ni) max. 0,000002% zinc (Zn) max. 0,00001% tin (Sn) max. 0,00001% free chlorine (Cl) max. 0,00003% chloride (Cl) max. 0,0001% sulphur compounds (as S) max. 0,001% iodine reducing matters (as HCHO) max. 0,0002% reaction to sulphuric acid passes test chloroform max. 0,05% dichloromethan max. 0,05% tetrachloroethylen max. 0,05% trichloroethylen max. 0,05%						
	 R: 26/27 S: 2-38-45 disposal: 13						
80865	Carbon tetrachloride min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36,95
6.1/61A	Carbone tétrachlorure / Carboneo tetracloruro	2902					
6.1 1846 2	CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg  R: 26/27 S: 2-38-45 disposal: 13						
4905	Carbon tetrachloride SPECTRANAL®	FL.	1 L	35,50	30,20	28,40	27,35
6.1/61A	Carbone tétrachlorure / Carboneo tetracloruro	FL.	2,5 L	75,—	62,25	58,50	56,25
6.1 1846 2	CCl ₄ M = 153,82 g/mol 1 L ≈ 1,59 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (acc. to Karl Fischer) max. 0,01% free acid (as HCl) max. 0,0002% free chlorine (Cl) max. 0,00005% chloroform max. 0,001% dichloromethan max. 0,001% trichloroethylen max. 0,001% suitability for UV spectroscopy transmittance (1 cm cell/reference: water) transmittance/wavelength (nm): suitability for IR spectroscopy passes test  R: 26/27 S: 2-38-45 disposal: 13	2902					

17852	Carbon tetrachloride PURANAL®	FL.	2,5 L	price on request					
A 6.1/61A	Carbone tétrachlorure / Carboneo tetracloruro	BA.	35 kg	price on request					
C 6.1 1846 2	CCl4 M = 153,82 g/mol 1 L ≈ 1,59 kg	2902							
	assay (GC) min. 99,9%								
	boiling range 76–77 °C								
	density (D ₄ ²⁰) 1,592–1,595								
	refractive index (n _D ²⁰) 1,4600–1,4610								
	non-volatile matter max. 5 ppm								
	water (according to Karl Fischer) max. 50 ppm								
	free acid (as HCl) max. 5 ppm								
	free alkali (as NH3) max. 1 ppm								
	aluminium (Al) max. 0,05 ppm								
	antimony (Sb) max. 0,01 ppm								
	arsenic (As) max. 0,01 ppm								
	barium (Ba) max. 0,1 ppm								
	beryllium (Be) max. 0,01 ppm								
	lead (Pb) max. 0,02 ppm								
	boron (B) max. 0,02 ppm								
	cadmium (Cd) max. 0,01 ppm								
	calcium (Ca) max. 0,2 ppm								
	chromium (Cr) max. 0,01 ppm								
	iron (Fe) max. 0,1 ppm								
	gallium (Ga) max. 0,02 ppm								
	gold (Au) max. 0,02 ppm								
	indium (In) max. 0,02 ppm								
	potassium (K) max. 0,1 ppm								
	cobalt (Co) max. 0,01 ppm								
	copper (Cu) max. 0,01 ppm								
	lithium (Li) max. 0,02 ppm								
	magnesium (Mg) max. 0,1 ppm								
	manganese (Mn) max. 0,01 ppm								
	molybdenum (Mo) max. 0,01 ppm								
	sodium (Na) max. 0,2 ppm								
	nickel (Ni) max. 0,01 ppm								
	platinum (Pt) max. 0,02 ppm								
	silver (Ag) max. 0,02 ppm								
	strontium (Sr) max. 0,02 ppm								
	thallium (Tl) max. 0,02 ppm								
	titanium (Ti) max. 0,01 ppm								
	vanadium (V) max. 0,01 ppm								
	bismuth (Bi) max. 0,02 ppm								
	zinc (Zn) max. 0,05 ppm								
	tin (Sn) max. 0,02 ppm								
	zirconium (Zr) max. 0,01 ppm								
	free chlorine (Cl) max. 0,3 ppm								
	chloride (Cl) max. 0,5 ppm								
	 R: 26/27 S: 2-38-45 disposal: 13								
24248	Carbon tetrachloride (max. 0,0005% CS ₂) chem. pure	FL.	1 L	19,25	16,35	15,40	14,8		
A 6.1/61A	Erg. B. 6	FL.	2,5 L	40,—	33,20	31,20	30,—		
C 6.1 1846 2	Carbone tétrachlorure / Carboneo tetracloruro	EKL.	45 kg	kg	4,15				
	CCl4 M = 153,82 g/mol 1 L ≈ 1,59 kg	EKL.	5x	kg	3,80				
	assay (GC) 99%	EKL.	10x	kg	3,60				
	boiling range 76–77 °C	F.	250 kg	price on request					
	density (D ₄ ²⁰) 1,592–1,595	2902							
	refractive index (n _D ²⁰) 1,4600–1,4610								
	non-volatile matter 0,001%								
	water (according to Karl Fischer) 0,02%								
	carbon disulphide 0,0003%								
	 R: 26/27 S: 2-38-45 disposal: 13								
24247	Carbon tetrachloride pure	FL.	1 L	16,25	13,80	13,—	12,5		
A 6.1/61A	Carbone tétrachlorure / Carboneo tetracloruro	FL.	2,5 L	31,75	26,35	24,75	23,8		
C 6.1 1846 2	CCl4 M = 153,82 g/mol 1 L ≈ 1,59 kg	EKL.	45 kg	kg	3,35				
	assay (GC) 99%	EKL.	5x	kg	3,10				
	boiling range 76–77 °C	EKL.	10x	kg	2,90				
	density (D ₄ ²⁰) 1,590–1,595	F.	250 kg	price on request					
	refractive index (n _D ²⁰) 1,4595–1,4615	2902							
	non-volatile matter 0,005%								
	 R: 26/27 S: 2-38-45 disposal: 13								

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
0431	1,1'-Carbonyldiimidazole PROSYNTH® <i>1-1'-Carbonyldiimidazole / 1,1'-Carbonildiimidazol</i> $\text{CH}=\text{CHN}=\text{CHNCONCH}=\text{NCH}=\text{CH}$ $\text{C}_7\text{H}_6\text{N}_4\text{O}$ $M=162,15 \text{ g/mol}$ assay 98% melting range 113–116 °C	WG. 2935	25 g	60,—	51,—	48,—	45,—
9554	Carbopak C 0,150–0,180 mm (80–100 mesh ASTM) for gas chromatography <i>Carbopak C / Carbopak C</i>	WG. 3819	10 g	294,—	249,90	235,20	220,50
9553	Carbopak C 0,180–0,250 mm (60–80 mesh ASTM) for gas chromatography <i>Carbopak C / Carbopak C</i>	WG. 3819	10 g	294,—	249,90	235,20	220,50
9617	Carbowax 400 for gas chromatography $1 \text{ L} \approx 1,15 \text{ kg}$ working temperature 20 to 100 °C	FL. 3801	50 ml	13,25	11,25	10,60	9,95
9618	Carbowax 1000 for gas chromatography working temperature 40 to 150 °C	WG. 3404	50 g	26,75	22,75	21,40	20,05
9619	Carbowax 1500 for gas chromatography working temperature 40 to 160 °C	WG. 3404	50 g	19,—	16,15	15,20	14,25
9620	Carbowax 4000 for gas chromatography working temperature 60 to 200 °C	WG. 3404	50 g	19,—	16,15	15,20	14,25
9621	Carbowax 20000 for gas chromatography working temperature 60 to 225 °C Carbowax see also Polyethylene glycol	WG. 3404	50 g	19,—	16,15	15,20	14,25
5898	Carboxine min. 99% PESTANAL® (5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide) $\text{OCH}_2\text{CH}_2\text{SC}(\text{CONHC}_6\text{H}_5)=\text{CCH}_3$ $\text{C}_{12}\text{H}_{13}\text{NO}_2\text{S}$ $M=235,31 \text{ g/mol}$	FL. 2935	1 g	32,—	27,20	25,60	24,—
1222	2-Carboxy-5-fluoroindole PROSYNTH® <i>2-Carboxy-5-fluoroindole / 2-Carboxi-5-fluoroindol</i> $\text{C}_8\text{H}_5\text{NHC}(\text{COOH})=\text{CH}$ $\text{C}_8\text{H}_5\text{FNO}_2$ $M=179,15 \text{ g/mol}$ assay (alkalimetric) 98% melting range 248–250 °C (disint.) N-(2-Carboxyphenyl)-N'-(2'-hydroxy-5'-sulphophenyl)-C-phenylformazan monosodium salt see Zincon 2-Carboxypyrrole see Pyrrole-2-carboxylic acid	WG. 2935	10 g	325,—	276,25	260,—	243,75
9649	Carmine R. G. and for histology (C.I. No. 75470, S. No. 1381) (Nacaral) <i>Carmin / Carmin</i>	WG. WG. 3204	10 g 25 g	39,25 87,50	33,35 74,40	31,40 70,—	29,45 65,65
9907	Carmine solution ammoniacal according to Best, for microscopy <i>Carmin en solution / Carmin en solución</i> $1 \text{ L} \approx 1,05 \text{ kg}$	PF. 3819	250 ml	13,25	11,25	10,60	9,95
9910	Carmine solution acid, alcoholic according to Mayer, for microscopy <i>Carmin en solution / Carmin en solución</i> $1 \text{ L} \approx 0,89 \text{ kg}$	FL. 3819	250 ml	13,25	11,25	10,60	9,95
3337	 Carminic acid R. G. and for microscopy (C. I. No. 75470, S. No. 1381) <i>Acide carminique / Acido carminico</i> $\text{C}_{22}\text{H}_{20}\text{O}_{13}$ $M=492,39 \text{ g/mol}$	FL. WG. 3204	1 g 10 g	27,— 192,—	22,95 163,20	21,60 153,60	20,25 144,—



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	9	9
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	(16 Boxes)
39082	L(+)-Carnosine BIOSYNTH® <i>L(+)-Carnosine / L(+)-Carnosina</i> $\text{NH}_2\text{CH}_2\text{CH}_2\text{CONHCH}(\text{COOH})\text{CH}_2\text{C}=\text{CHN}=\text{CHNH}$ $\text{C}_9\text{H}_{14}\text{N}_4\text{O}_3$ $M = 226,23$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in H ₂ O) $+20^\circ \pm 2^\circ$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	29,50	25,10	23,60	23,60
39102	Casein BIOSYNTH® (vitamin free) <i>Caséine / Caseína</i> thiamine hydrochloride 0,0001% nicotinic acid 0,0001% riboflavine 0,000025% pantothenic acid 0,0007%	PF. 3501	250 g	105,50	89,70	84,40	79,40
18722	Castor oil DAB 8 <i>Huile de ricin / Aceite de ricino</i> 1 L ≈ 0,96 kg density (D_4^{20}) 0,952—0,965 density (D_4^{20}) 0,956—0,965 refractive index (n_D^{20}) 1,4750—1,4790 optical rotation (α_D^{20}) $+3,0^\circ$ to $+9,0^\circ$ hydroxyl number 163 iodine number 83 acid number 1 saponification number 180 not saponifiable 0,9% Catalysts for hydrogenation see Copper Nickel-aluminium alloy Nickel Palladium Platinum Raney cobalt Raney copper Raney iron Raney nickel Catechol see Pyrocatechol	FL. BAS. 1507	1 L 25 kg	20,— price on request	17,—	16,—	15,—
39809	Cation exchanger HPLC strongly acid 0,010 mm (10 µm) for high-pressure-liquid chromatography, polystyrene matrix with 8% DVB, H⁺-form, globular <i>Echangeur de cations HPLC / Cambiadores de cationes HPLC</i> granulation $10 \pm 2,5$ µm capacity (dried) abt. 5,0 mval/g water content 55%	WG. 3902	10 g	169,—	143,65	135,20	126,—
39810	Cation exchanger HPLC strongly acid 0,015 mm (15 µm) for high-pressure-liquid chromatography, polystyrene matrix with 8% DVB, H⁺-form, globular <i>Echangeur de cations HPLC / Cambiadores de cationes HPLC</i> granulation $15 \pm 2,5$ µm capacity (dried) abt. 5,0 mval/g water content 55%	WG. 3902	10 g	112,50	95,65	90,—	84,—
39811	Cation exchanger HPLC strongly acid 0,020 mm (20 µm) for high-pressure-liquid chromatography, polystyrene matrix with 8% DVB, H⁺-form, globular <i>Echangeur de cations HPLC / Cambiadores de cationes HPLC</i> granulation $20 \pm 2,5$ µm capacity (dried) abt. 5,0 mval/g water content 55%	WG. 3902	10 g	112,50	95,65	90,—	84,—

812	Cation exchanger HPLC strongly acid 0,005—0,020 mm (5—20 µm) for high-pressure-liquid chromatography, polystyrene matrix with 8% DVB, Na ⁺ -form, globular <i>Echangeur de cations HPLC / Cambiadores de cationes HPLC</i> granulation 5—20 µm capacity (dried) abt. 5,0 mval/g water content 55% Cation exchangers see also Ion exchanger Caustic baryta see Barium hydroxide Caustic potash see Potassium hydroxide Caustic soda see Sodium hydroxide	WG. 3902	10 g	93,—	79,05	74,40	69,75
811	Cedar wood oil thickened for microscopy <i>Essence de cèdre / Aceite esencial de cedro</i> 1 L ≈ 0,98 kg	FL. FL. FL. 3301	100 g 250 g 1 kg	10,50 20,50 68,50	8,95 17,45 58,25	8,40 16,40 54,80	7,90 15,40 52,75
622	Celanese ester No. 9 for gas chromatography working temperature to 200 °C	FL. 3301	50 g	155,—	131,75	124,—	116,25
	Celite see Kieselguhr						
316	D-Cellobiose BIOSYNTH® <i>D-Cellobiose / D-Celobiosa</i> C ₁₂ H ₂₂ O ₁₁ M = 342,30 g/mol	WG. 2943	5 g	31,25	26,55	25,—	23,45
836	Cellulose D microcrystalline Avicel® for thin-layer chromatography <i>Cellulose D / Celulosa D</i> ® = trade mark of American Viscose Co.	WG. 3819	500 g	35,50	30,20	28,40	27,35
820	Cellulose powder D natural for thin-layer chromatography <i>Cellulose en poudre D naturel / Celulosa en polvo D natural</i> soluble in methylene chloride 0,12% residue on ignition 0,01% iron (Fe) 0,0015% copper (Cu) 0,0006% phosphate (PO ₄) 0,0007% polymerisation grade 400—500 fibre length (min. 95%) 2—20 µm specific surface 15000 cm ² /g	PF. 3819	500 g	31,25	26,55	25,—	24,05
837	Cellulose powder D highly pure for thin-layer chromatography <i>Cellulose en poudre D / Celulosa en polvo D</i> soluble in methylene chloride 0,05% residue on ignition 0,015% iron (Fe) 0,0002% copper (Cu) 0,0001% polymerisation grade 400—500 fibre length 2—20 µm specific surface 15000 cm ² /g	WG. 3819	250 g	47,—	39,95	37,60	35,25
821	Cellulose powder DF natural for thin-layer chromatography, with luminous pigment addition for short-wave UV (254 nm) <i>Cellulose en poudre DF naturel / Celulosa en polvo DF natural</i> soluble in methylene chloride 0,12% residue on ignition 0,01% iron (Fe) 0,0015% copper (Cu) 0,0006% phosphate (PO ₄) 0,0007% polymerisation grade 400—500 fibre length (min. 95%) 2—20 µm specific surface 15000 cm ² /g	PF. 3819	500 g	58,—	49,30	46,40	44,65





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33838	Cellulose powder DAC 20 acetylated for thin-layer chromatography <i>Cellulose en poudre DAC 20 / Celulosa en polvo DAC 20</i> acetyl content 20%	WG. 3819	250 g	65,50	55,70	52,40	49
33839	Cellulose powder DAC 40 acetylated for thin-layer chromatography <i>Cellulose en poudre DAC 40 / Celulosa en polvo DAC 40</i> acetyl content 40%	WG. 3819	250 g	65,50	55,70	52,40	49
33840	Cellulose DEAE ion exchanger for thin-layer chromatography <i>Cellulose DEAE / Celulosa DEAE</i> exchange capacity 0,35 mval/g	WG. 3819	100 g	82,50	70,15	66,—	61
33841	Cellulose ECTEOLA ion exchanger for thin-layer chromatography <i>Cellulose ECTEOLA / Celulosa ECTEOLA</i> exchange capacity 0,20 mval/g	WG. 3819	100 g	78,—	66,30	62,40	58
33830	Cellulose powder S natural for column chromatography <i>Cellulose en poudre S naturel / Celulosa en polvo S natural</i> soluble in methylene chloride 0,25% residue on ignition 0,2% iron (Fe) 0,0015% copper (Cu) 0,0006% phosphate (PO ₄) 0,0007% polymerisation grade 620—680 fibre length (min. 85%) 20—100 µm specific surface 6500 cm ² /g	PF. 3819	1 kg	24,—	20,40	19,20	18
33831	Cellulose powder S purified for column chromatography <i>Cellulose en poudre S / Celulosa en polvo S</i> soluble in methylene chloride 0,15% residue on ignition 0,015% iron (Fe) 0,0005% copper (Cu) 0,0004% phosphate (PO ₄) 0,0002% polymerisation grade 620—680 fibre length (min. 85%) 20—75 µm specific surface 5500 cm ² /g	WG. 3819	500 g	26,25	22,30	21,—	20
33832	Cellulose powder SAC 20 acetylated for column chromatography <i>Cellulose en poudre SAC 20 / Celulosa en polvo SAC 20</i> acetyl content 20%	WG. 3819	250 g	47,—	39,95	37,60	35,
33833	Cellulose powder SAC 40 acetylated for column chromatography <i>Cellulose en poudre SAC 40 / Celulosa en polvo SAC 40</i> acetyl content 40%	WG. 3819	250 g	47,—	39,95	37,60	35,
33834	Cellulose DEAE ion exchanger for column chromatography <i>Cellulose DEAE / Celulosa DEAE</i> exchange capacity 0,7 mval/g	WG. 3819	250 g	126,50	107,55	101,20	94,
33835	Cellulose ECTEOLA ion exchanger for column chromatography <i>Cellulose ECTEOLA / Celulosa ECTEOLA</i> exchange capacity 0,35 mval/g	PF. 3819	250 g	134,50	114,35	107,60	100,
37348	TLC-Sheets CE 10 × 20 cm Cellulose on aluminium sheets layer thickness 0,1 mm <i>Feuilles CCM CE 10 × 20 cm / CCF-Tarjetas CE 10 × 20 cm</i> package with 20 sheets	7604	1 pack	36,—	30,60	28,80	27,
37363	TLC-Sheets CE 20 × 20 cm Cellulose on aluminium sheets layer thickness 0,1 mm <i>Feuilles CCM CE 20 × 20 cm / CCF-Tarjetas CE 20 × 20 cm</i> package with 25 sheets	7604	1 pack	69,50	59,10	55,60	52,1




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		1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
7347	TLC-Sheets CEF 10 × 20 cm Cellulose on aluminium sheets indicator 254 nm on aluminium sheets layer thickness 0,1 mm <i>Feuilles CCM CEF 10 × 20 cm / CCF-Tarjetas CEF 10 × 20 cm</i> package with 20 sheets	7604	1 pack 36,—	30,60	28,80 27,—
7362	TLC-Sheets CEF 20 × 20 cm Cellulose with fluorescent indicator 254 nm on aluminium sheets layer thickness 0,1 mm <i>Feuilles CCM CEF 20 × 20 cm / CCF-Tarjetas CEF 20 × 20 cm</i> package with 25 sheets	7604	1 pack 69,50	59,10	55,60 52,15
7602	TLC-Plates, pre-coated CE 20 × 20 cm Cellulose on glass plates layer thickness 0,1 mm <i>Plaques CCM finies CE 20 × 20 cm / CCF-Placas preparadas CE 20 × 20 cm</i> package with 25 plates	7604	1 pack 86,—	73,10	68,80 64,50
7603	TLC-Plates, pre-coated CEF 20 × 20 cm Cellulose with fluorescent indicator 254 nm on glass plates layer thickness 0,1 mm <i>Plaques CCM finies CEF 20 × 20 cm / CCF-Placas preparadas CEF 20 × 20 cm</i> package with 25 plates	7604	1 pack 86,—	73,10	68,80 64,50
Cellulose acetate see Cellulose powder DAC 20 and 40					
3843	Cellulose HYPHAN ion exchanger R. G. <i>Celulose HYPHAN / Celulosa HYPHAN</i> $C_6H_3(OH)N = NC_{10}H_6OH$ length of fibre abt. ca. 70—100 µ ion form H^+ -form acidity $pK_s = 8-9$ capacity 0,4—0,5 mmol/g iron (Fe) 0,0008% copper (Cu) 0,0005% zinc (Zn) 0,0004% bromide (Br) 0,0005%	WG. 3819	25 g 159,—	135,15	127,20 119,25
0550	Cerium lumps <i>Cérium / Cerio</i> Ce $M = 140,12$ g/mol assay 99% Cerium ammonium nitrate see Ammonium cerium(IV) nitrate Cerium ammonium sulphate see Ammonium cerium(IV) sulphate	PF. 2805	100 g 121,—	102,85	96,80 90,75
1808	Cerium(III) chloride-7-hydrate R. G. <i>Cérium(III) chlorure-7-hydrate / Cerio(III) cloruro-7-hidrato</i> $CeCl_3 \cdot 7H_2O$ $M = 372,59$ g/mol assay min. 98,5% dysprosium (Dy) max. 0,02% iron (Fe) max. 0,001% erbium (Er) max. 0,02% europium (Eu) max. 0,02% holmium (Ho) max. 0,02% lanthanum (La) max. 0,05% neodymium (Nd) max. 0,02% praseodymium (Pr) max. 0,02% samarium (Sm) max. 0,02% heavy metals (as Pb) max. 0,002% thulium (Tm) max. 0,02% yttrium (Y) max. 0,02% sulphate (SO ₄) max. 0,01%	PF. 2852	100 g 38,50	32,75	30,80 28,90





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	
10551	Cerium(III) fluoride <i>Cérium(III) fluorure / Cerio(III) fluoruro</i> CeF ₃ M = 197,12 g/mol assay 99%	PF. 2852	100 g	43,75	37,20	35,—	3
10552 C 5.1 1477 2	Cerium(III) nitrate-6-hydrate <i>Cérium(III) nitrate-6-hydrate / Cerio(III) nitrato-6-hidrato</i> Ce(NO ₃) ₃ · 6H ₂ O M = 434,23 g/mol assay 99%	PF. 2852	100 g	35,25	29,95	28,20	2
14736	Cerium(IV) oxide pure anhydrous <i>Cérium(IV) oxyde / Cerio(IV) óxido</i> CeO ₂ M = 172,12 g/mol assay 99% loss on ignition (1000 °C) 0,5% iron (Fe) 0,005% sulphate (SO ₄) 0,6%	PF. PF. 2852	100 g 500 g	25,75 99,50	21,90 84,60	20,60 79,60	19 76
14745	Cerium(III) sulphate <i>Cérium(III) sulfate / Cerio(III) sulfato</i> Ce(SO ₄) ₃ M = 568,43 g/mol	WG. 2852	100 g	33,25	28,25	26,60	24
31606	Cerium(IV) sulphate R. G. <i>Cérium(IV) sulfate / Cerio(IV) sulfato</i> Ce(SO ₄) ₂ · 4H ₂ O M = 404,31 g/mol assay min. 98% in diluted sulphuric acid insoluble max. 0,01% iron (Fe) max. 0,005% chloride (Cl) max. 0,002% phosphate (PO ₄) max. 0,01%	WG. PF. PF. 2852	25 g 100 g 500 g	12,75 39,25 153,—	10,85 33,35 130,05	10,20 31,40 122,40	9 29 117
35066	Cerium(IV) sulphate solution 0,1 mol/l 0,1 N volumetric solution <i>Cérium(IV) sulfate en solution 0,1 mol/l / Cerio(IV) sulfato en solución 0,1 mol/l</i> 1 L ≈ 1,09 kg	FL. 3819	1 L	37,75	32,10	30,20	29
	Cerussa see Lead(II) hydroxide carbonate						
38628	0,100 g Cesium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Césium / 0,100 g Cesio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7
38557	1,00 g Cesium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Césium / 1,00 g Cesio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7
10467	Cesium bromide <i>Césium bromure / Cesio bromuro</i> CsBr M = 212,81 g/mol assay 99%	WG. 2830	25 g	23,25	19,75	18,60	17
14716	Cesium carbonate <i>Césium carbonate / Cesio carbonato</i> Cs ₂ CO ₃ M = 325,82 g/mol	WG. 2842	25 g	36,75	31,25	29,40	27






Index-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
1807	Cesium chloride R. G. <i>Césium chlorure / Cesio cloruro</i> CsCl $M = 168,36$ g/mol assay min. 99,5% insoluble in water max. 0,001% barium (Ba) max. 0,002% lead (Pb) max. 0,0001% calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,002% copper (Cu) max. 0,0002% magnesium (Mg) max. 0,0005% sodium (Na) max. 0,002% rubidium (Rb) max. 0,005% zinc (Zn) max. 0,0002% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. 2830	10 g 100 g	17,50 116,—	14,90 98,60	14,— 92,80	13,15 87,—
4718	Cesium chloride min. 99,5% <i>Césium chlorure / Cesio cloruro</i> CsCl $M = 168,36$ g/mol assay 99,6% lead (Pb) 0,0005% iron (Fe) 0,0005% potassium (K) 0,005% copper (Cu) 0,0005% magnesium (Mg) 0,0005% sodium (Na) 0,002% rubidium (Rb) 0,05% zinc (Zn) 0,0005% sulphate (SO ₄) 0,01% total nitrogen (N) 0,003%	WG. 2830	25 g	26,50	22,55	21,20	19,90
0400 6.1 2811 3	Cesium fluoride <i>Césium fluorure / Cesio fluoruro</i> CsF $M = 151,90$ g/mol assay 99%  R: 23/24/25 S: 1/2-26-44 disposal: 27	FL. 2829	10 g	29,50	25,10	23,60	22,15
6048	Cesium iodide (sodium activated) for scintillation <i>Césium iodure / Cesio yoduro</i>	PF. 3207	500 g	price on request			
6049 6.1/54 6.1 1707 2	Cesium iodide (thallium activated) for scintillation <i>Césium iodure / Cesio yoduro</i>  R: 20/21/22 S: 28 disposal: 10	WG. WG. 3207	100 g 1 kg	price on request price on request			
4815	Cesium iodide chem. pure for optical use <i>Césium iodure / Cesio yoduro</i> CsI $M = 259,81$ g/mol assay min. 99,5% lead (Pb) max. 0,0005% iron (Fe) max. 0,0005% potassium (K) max. 0,005% copper (Cu) max. 0,0005% manganese (Mn) max. 0,0005% sodium (Na) max. 0,002% rubidium (Rb) max. 0,005% zinc (Zn) max. 0,0005% sulphate (SO ₄) max. 0,01%	WG. FTP. 2830	50 g 25 kg	52,—	44,20	41,60	39,— price on request
0468 6.1 1451 3	Cesium nitrate <i>Césium nitrate / Cesio nitrato</i> CsNO ₃ $M = 194,91$ g/mol assay 99,9%	WG. 2839	10 g	16,—	13,60	12,80	12,—







31311	Cesium sulphate R. G. <i>Césium sulfate / Cesio sulfato</i> Cs_2SO_4 $M = 361,87$ g/mol assay min. 99,5% lead (Pb) max. 0,0005% calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% potassium (K) max. 0,002% copper (Cu) max. 0,0002% lithium (Li) max. 0,0001% magnesium (Mg) max. 0,0005% sodium (Na) max. 0,001% rubidium (Rb) max. 0,01% zinc (Zn) max. 0,0002% Cetane see n-Hexadecane	WG. 2838	25 g	28,25	24,—	22,60	2
24129	Cetyl alcohol chem. pure N. F. XIV <i>Alcool cétylique / Alcohol cetílico</i> $\text{CH}_3(\text{CH}_2)_{15}\text{OH}$ $\text{C}_{17}\text{H}_{35}\text{O}$ $M = 242,44$ g/mol melting range 46—50 °C hydroxyl number 225 iodine number 2 acid number 1 Cetylamine see Hexadecylamine	BL. BL. S. S. S. 2904	500 g 1 kg 25 kg 5x 10x	14,50 26,25 kg kg kg	12,35 22,30 10,30 9,80 9,45	11,60 21,—	11 20
31616 A 4.1/1	Charcoal activated R. G. powder <i>Charbon activé / Carbón activo</i> soluble in water max. 0,2% soluble in acid max. 1,0% soluble in ethanol max. 0,2% loss on drying (102 °C, 4h) max. 8% residue on ignition max. 0,8% iron (Fe) max. 0,005% heavy metals (as Pb) max. 0,005% zinc (Zn) max. 0,001% chloride (Cl) max. 0,01% sulphate (SO_4) max. 0,01% methylene blue titer min. 12	WG. WG. FT. 3803	250 g 1 kg 30 kg	11,25 34,— kg	9,55 28,90 17,65	9,— 27,20	8 26
18001 A 4.1/1	Charcoal activated chem. pure dry <i>Charbon activé / Carbón activo</i> loss on drying (105 °C, 4h) 8,0% residue on ignition 0,8% iron (Fe) 0,02% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO_4) 0,01% methylene blue titer 12	K. K. FT. FT. 3803	500 g 1 kg 30 kg 5x	10,75 19,50 kg kg	9,15 16,60 8,95 8,30	8,60 15,60	8 15
18002 A 4.1/1	Charcoal activated pure granular <i>Charbon activé / Carbón activo</i>	PF. PF. PF. S. S. 3803	500 g 1 kg 2,5 kg 30 kg 5x	11,75 21,50 45,25 kg kg	10,— 18,30 37,55 9,20 8,50	9,40 17,20 35,30	8 16 33
18003 A 4.1/1	Charcoal activated pure powder <i>Charbon activé / Carbón activo</i>	K. K. S. S. 3803	500 g 1 kg 20 kg 5x	9,50 15,— kg kg	8,10 12,75 7,30 6,80	7,60 12,—	7,5 11,5
18008	Charcoal animal powder <i>Charbon animal / Carbón animal</i>	K. S. 3803	1 kg 50 kg	14,25 price on request	12,10 11,40	10,9	10,9
18006	Charcoal iodized (for adsorption of mercury) <i>Charbon iodé / Carbón yodado</i> assay of iodine (I) 10%	WG. WG. WG. 3803	100 g 500 g 1 kg	21,75 89,— 163,—	18,50 75,65 138,55	17,40 71,20 130,40	16,3 68,5 125,5





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615	Charcoal wood blocks for blowpipe analysis <i>Charbon végétal / Carbón vegetal</i>	4402	1 pack	38,25	32,50	30,60	28,70
4.1/1							
4.1 1325 2	package with 10 blocks						
3004	Charcoal wood powder <i>Charbon végétal / Carbón vegetal</i>	K.	1 kg	13,25	11,25	10,60	10,20
4.1/1		K.	2,5 kg	27,25	22,60	21,25	20,45
4.2 1362 3		S.	40 kg	kg	4,90		
		S.	5x	kg	4,60		
		4402					
	Chemicals for hot-moulding purposes see COTAL®						
	Chenodeoxycholic acid see 3 α ,7 α -Dihydroxy-5 β -cholanic acid						
	China blue see Aniline blue water-soluble						
	China clay see Kaolin						
2014	Chiniofon-sodium B. P. C. 1963 <i>Sodium-7-iodo-8-hydroxyquinoléine-5-sulfonate / Sodio 7-yodo-8-hidroxiquinolino-5-sulfonato</i> $\text{JC}_6\text{H}(\text{OH})\text{SO}_3\text{NA})\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_9\text{H}_5\text{JNNaO}_4\text{S}$ $M=373,10$ g/mol	WG. 4402	1 kg	price on request			
	Chinolinol see Hydroxyquinoline						
5873	Chinomethionate min. 99% PESTANAL® (6-Methylquinoxaline-2,3-dithiol cyclocarbonate) $\text{C}_{10}\text{H}_6\text{N}_2\text{OS}_2$ $M=234,30$ g/mol	FL. 2935	1 g	35,75	30,40	28,60	26,80
	Chinosol see 8-Hydroxyquinoline sulphate-potassium sulphate						
0092	Chloral PROSYNTH® <i>Chloral / Cloral</i> CCl_3CHO $\text{C}_2\text{HCl}_3\text{O}$ $M=147,39$ g/mol $1\text{ L} \approx 1,51$ kg assay (GC) 98% boiling range 96–98 °C refractive index (n_D^{20}) 1,456	FL. 2912	1 L	34,—	28,90	27,20	26,20
6.1 2075 2							
	 R: 25-36/38 S: 25-44 disposal: 7						
5307	Chloral hydrate cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX, Reag. Ph. Eur. I <i>Chloral hydraté / Cloral hidrató</i> $\text{CCl}_3\text{CH}(\text{OH})_2$ $\text{C}_2\text{H}_3\text{Cl}_3\text{O}_2$ $M=185,40$ g/mol assay 99,8% non-volatile matter 0,05% sulphated ash 0,05% chloride (Cl) 0,005%	PF. PF. PF. S. 2904	500 g 1 kg 2,5 kg 50 kg	18,75 31,— 66,— price on request	15,95 26,35 54,80	15,— 24,80 51,50	14,45 23,85 49,50
	 R: 25-36/38 S: 25-44 disposal: 7						
4521	Chloral hydrate solution <i>Chloral hydraté en solution / Cloral hidrató en solución</i> $1\text{ L} \approx 1,27$ kg	PF. 3819	250 ml	13,25	11,25	10,60	9,95
	 R: 25-36/38 S: 25-44 disposal: 14						
9130	α -D(+)-gluco-Chloralose BIOSYNTH® <i>α-D(+)-gluco-Chloralose / α-D(+)-gluco-Cloralosa</i> $\text{QCH}(\text{CCl}_3)\text{OCH}=\text{C}(\text{CHOH})_3\text{CH}_2\text{OH}$ $\text{C}_8\text{H}_{11}\text{Cl}_3\text{O}_6$ $M=309,53$ g/mol assay (ex Cl) 98% melting range 182–184 °C	PF. 2943	50 g	27,75	23,60	22,20	20,80
	 R: 20/22 S: 2-16-24/25-28 disposal: 9						
	IDRANAL® reagents for complexometry						




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31224	Chloramine T R. G., Reag. Ph. Eur. I <i>Chloramine T / Cloramina T</i> $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NCINa} \cdot 3\text{H}_2\text{O}$ $\text{C}_7\text{H}_7\text{CINNaO}_2\text{S} \cdot 3\text{H}_2\text{O}$ $M = 281,69 \text{ g/mol}$ assay min. 99% insoluble in ethanol absolute max. 1,5%  R: 36/37/38 S: 2-7-15 disposal: 7	PF. PF. 2936	250 g 1 kg	12,— 34,50	10,20 29,35	9,60 27,60
12102	Chloramine T <i>Chloramine T / Cloramina T</i> $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NCINa} \cdot 3\text{H}_2\text{O}$ $\text{C}_7\text{H}_7\text{CINNaO}_2\text{S} \cdot 3\text{H}_2\text{O}$ $M = 281,69 \text{ g/mol}$ assay 99% insoluble in ethanol absolute 1,5%  R: 36/37/38 S: 2-7-15 disposal: 7	PF. S. 2936	1 kg 25 kg	26,75 kg	22,75 10,—	21,40
35892	p-Chloranil min. 99% PESTANAL® (2,3,5,6-Tetrachloro-1,4-benzoquinone) $\text{O}\text{C}\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}\text{C}(\text{O})\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}$ $\text{C}_6\text{Cl}_4\text{O}_2$ $M = 245,88 \text{ g/mol}$	FL. 2913	5 g	14,25	12,10	11,40
62284	p-Chloranil PROSYNTH® <i>p-Chloranile / p-Cloranilo</i> $\text{O}\text{C}\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}\text{C}\text{O}\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}$ $\text{C}_6\text{Cl}_4\text{O}_2$ $M = 245,88 \text{ g/mol}$ assay (ex Cl) 97% melting range 290—293 °C	WG. 2913	250 g	26,25	22,30	21,—
64392	o-Chloranil PROSYNTH® <i>o-Chloranile / o-Cloranilo</i> $\text{O}\text{C}\text{C}\text{O}\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}\text{C}\text{C}\text{I}=\text{C}\text{C}\text{I}$ $\text{C}_6\text{Cl}_4\text{O}_2$ $M = 245,88 \text{ g/mol}$ assay (ex Cl) 97% melting range 126—129 °C	WG. 2913	25 g	58,—	49,30	46,40
33176	Chloranilic acid R. G. <i>Acide chloranilique / Acido cloranílico</i> $\text{O} = \text{C}_6\text{Cl}_2(=\text{O})(\text{OH})_2$ $\text{C}_6\text{H}_2\text{Cl}_2\text{O}_4$ $M = 208,99 \text{ g/mol}$ assay min. 99% sulphated ash max. 0,1% water (according to Karl Fischer) max. 0,5% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%	WG. 2913	25 g	16,25	13,80	13,—
33177 A 6.1/71 C 6.1 1564 3	Chloranilic acid barium salt trihydrate R. G. <i>Acide chloranilique sel de baryum trihydrate / Acido cloranílico sal de bario trihidrato</i> $\text{O} = \text{C}_6\text{Cl}_2(=\text{O})(\text{O}_2\text{Ba}) \cdot 3\text{H}_2\text{O}$ $\text{C}_6\text{BaCl}_2\text{O}_4 \cdot 3\text{H}_2\text{O}$ $M = 398,35 \text{ g/mol}$ assay (ex Ba, on anhydrous substance) min. 99% water (according to Karl Fischer) 12—14% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%  R: 20/22 S: 28 disposal: 24	WG. 2913	25 g	20,25	17,20	16,20
33178	Chloranilic acid lanthanum salt R. G. <i>Acide chloranilique sel de lanthane / Acido cloranílico sal de lantano</i> $[\text{O} = \text{C}_6\text{Cl}_2(=\text{O})(\text{O}_2)]_3\text{La}_2$ $\text{C}_{18}\text{Cl}_6\text{La}_2\text{O}_{12}$ $M = 898,72 \text{ g/mol}$	WG. 2913	25 g	40,—	34,—	32,—


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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3179	Chloranilic acid mercury salt R. G. , for photometric chloride determination 6.1/53 6.1 2024 3 <i>Acide chloranilique sel de mercure / Acido cloranílico sal de mercurio</i> $O = C_6Cl_2(=O)(O_2Hg)$ $C_6Cl_2HgO_4$ $M = 407,56$ g/mol assay (ex Hg) min. 99% iron (Fe) max. 0,001%  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10 Chlorbutol see Acetone chloroform	WG. 2913	10 g	14,75	12,55	11,80	11,05
4390	(2-Chlorethyl)vinyl ether PROSYNTH® 3/3 3.2 1993 2 22°C <i>Ether (2-chloroéthyl)vinylque / Eter (2-cloroetil)vinílico</i> $ClCH_2CH_2OCH=CH_2$ C_4H_7ClO $M = 106,55$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 97% boiling range 106–108 °C refractive index (n_D^{20}) 1,437 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 10-23/24/25 S: 44 disposal: 7 Chloreton see Acetone chloroform	FL. 2908	100 ml	57,—	48,45	45,60	42,75
5890	Chlorfenvinphos mixture of <i>cis</i> - and <i>trans</i> -isomers min. 99% 6.1/81A 6.1 1615 2 PESTANAL® (O,O-Diethyl-O-2-chloro-1-[2,4-dichlorophenyl]-vinylphosphorothioate) $(CH_3CH_2O)_2P(O)OC(=CHCl)C_6H_3Cl_2$ $C_{12}H_{14}Cl_3O_4P$ $M = 359,57$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26/27/28 S: 1-13-28-45 disposal: 7	FL. 2919	2 g	56,50	48,05	45,20	42,40
7402	Chloric acid 18% pure 5.1 5.1*1873 1 <i>Acide chlorique / Acido clórico</i> $HClO_3$ $M = 84,46$ g/mol $1\text{ L} \approx 1,11$ kg assay 18–19% barium (Ba) 0,02% iron (Fe) 0,001% heavy metals (as Pb) 0,002% sulphate (SO_4) 0,05%  R: 34 S: 26 disposal: 16	FL. TS. 2813	† 1 L 25 kg	27,25 price on request	24,25	excluded from shipment by sea	
7572	Chloridazone min. 99% PESTANAL® [1-Phenyl-4-amino-5-chloropyridazinone-(6)] $Cl\dot{C}=C(NH_2)C=NN(C_6H_5)C=O$ $C_{10}H_8ClN_3O$ $M = 221,65$ g/mol	FL. 2935	1 g	28,25	24,—	22,60	21,20
8850	10,00 g Chloride FIXANAL® as Hydrochloric acid 3/5 8 1789 2 <i>10,00 g Chlorure / 10,00 g Cloruro</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,05





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				1x	6x	24x	
				(1 Box)	(4 Boxes)	(18 Boxes)	
60384	Chloroacetamide PROSYNTH®	WG.	500 g	24,75	21,05	19,80	1
A 6.1/82B	<i>Chloroacétamide / Cloroacetamida</i>	WG.	2,5 kg	92,—	76,35	71,75	6
C 6.1 1609 3	CH ₂ ClCONH ₂ C ₂ H ₄ ClNO M = 93,51 g/mol assay (GC) 99% melting range 116—118 °C  R: 25-36/38 S: 25-44 disposal: 7	2925					
63301	4-Chloroacetanilide PROSYNTH®	WG.	100 g	57,—	48,45	45,60	4
	<i>4-Chloroacétanilide / 4-Cloroacetanilida</i> ClC ₆ H ₄ NHCOCH ₃ C ₈ H ₈ ClNO M = 169,61 g/mol assay (ex Cl) 98% melting range 176—178 °C	2925					
27203	Chloroacetic acid pure cryst.	WG.	1 kg	17,—	14,45	13,60	1
A 8/21A1	<i>Acide chloroacétique / Acido cloroacético</i>	WG.	2,5 kg	36,—	29,90	28,10	2
C 8 1751 2	CH ₂ ClCOOH C ₂ H ₃ ClO ₂ M = 94,50 g/mol assay 99% boiling range 185—187 °C melting range 62—63 °C sulphated ash 0,05% iron (Fe) 0,001% heavy metals (as Pb) 0,005% chloride (Cl) 0,02% sulphate (SO ₄) 0,005%  R: 23/24/25-35 S: 22-36/37/39 disposal: 21	FTP. 2914	50 kg	price on request			
62313	Chloroacetic acid sodium salt PROSYNTH®	PF.	1 kg	53,—	45,05	42,40	40
	<i>Acide chloroacétique sel sodique / Acido cloroacético sal sódica</i> ClCH ₂ COONa C ₂ H ₂ ClNaO ₂ M = 116,48 g/mol assay 98%  R: 23/24/25 S: 22 disposal: 7	2914					
64251	Chloroacetic anhydride PROSYNTH®	WG.	25 g	9,50	8,10	7,60	7
A 8/21A	<i>Anhydride chloroacétique / Anhídrido cloroacético</i>	2914					
C 8 1751 2	(ClCH ₂ CO) ₂ O C ₄ H ₄ Cl ₂ O ₃ M = 170,98 g/mol assay 97% melting range 44—47 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25-35 S: 22-36/37/39 disposal: 21						
Chloroacetone see 1-Chloropropanone							
62275	Chloroacetonitrile PROSYNTH®	FL.	100 ml	38,75	32,95	31,—	29,00
A 6.1/11	<i>Chloroacétonitrile / Cloroacetonitrilo</i>	2927					
C 3.3 1992 2	ClCH ₂ CN C ₂ H ₂ ClN M = 75,50 g/mol 1 L = 1,19 kg assay (GC) 99% boiling range 124—126 °C refractive index (n _D ²⁰) 1,423  R: 23/24/25 S: 44 disposal: 15						




e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
565	ω -Chloroacetophenone PROSYNTH® Chloro- ω -acétophénone / ω -Cloroacetofenona $C_6H_5COCH_2Cl$ C_8H_7ClO $M = 154,60$ g/mol assay (GC) 98% melting range 54–56 °C  R: 36/37/38 S: 26 disposal: 7	WG. 2913	250 g	39,—	33,15	31,20	29,25	
276	4-Chloroacetophenone PROSYNTH® 4-Chloroacétophénone / 4-Cloroacetofenona $ClC_6H_4COCH_3$ C_8H_7ClO $M = 154,60$ g/mol 1 L \approx 1,19 kg assay (GC) 97% boiling range 230–232 °C refractive index (n_D^{20}) 1,554  R: 36/37/38 S: 26 disposal: 7	FL. 2913	1 L	126,50	107,55	101,20	97,40	
	4-Chloro-1-acetylbenzene see 4-Chloroacetophenone							
1091	Chloroacetyl chloride PROSYNTH® Chloroacétyle chlorure / Cloroacetilo cloruro $CH_2ClCOCl$ $C_2H_2Cl_2O$ $M = 112,94$ g/mol 1 L \approx 1,42 kg assay (alkalimetric) 98% boiling range 105–106 °C refractive index (n_D^{20}) 1,453	FL. 2914	500 ml	29,75	25,30	23,80	22,90	
277	2-Chloroacrylonitrile PROSYNTH® stabilized with hydroquinone (1 g/l) 2-Chloroacrylonitrile / 2-Cloroacrilonitrilo $CH_2=CClCN$ C_3H_2ClN $M = 87,51$ g/mol 1 L \approx 1,10 kg assay (GC) 99% boiling range 89–90 °C   R: 11-23/24/25 S: 9-16-27-29-44 disposal: 15	FL. 2927	250 ml	29,50	25,10	23,60	22,15	
	2-Chloro-1-aminoethane hydrochloride see 2-Chloroethylammonium chloride							
285	2-Chloroaniline PROSYNTH® 2-Chloroaniline / 2-Cloroanilina $ClC_6H_4NH_2$ C_6H_5ClN $M = 127,57$ g/mol 1 L \approx 1,21 kg assay (GC) 99% boiling range 208–209 °C refractive index (n_D^{20}) 1,589  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	500 ml	23,50	20,—	18,80	18,10	
324	3-Chloroaniline min. 99% PESTANAL® 3-Chloroaniline / 3-Cloroanilina $H_2NC_6H_4Cl$ C_6H_5ClN $M = 127,57$ g/mol  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	5 g	21,50	18,30	17,20	16,15	


Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	€ (16 Boxes)
62286	3-Chloroaniline PROSYNTH® A 6.1/21E <i>3-Chloroaniline / 3-Cloroanilina</i> C 6.1 2019 2 <chem>ClC6H4NH2</chem> <chem>C6H6ClN</chem> $M = 127,57$ g/mol $1\text{ L} \approx 1,22$ kg assay (GC) 99% boiling range 228–230 °C refractive index (n_D^{20}) 1,594  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	500 ml	35,50	30,20	28,40	2
35823	4-Chloroaniline min. 99% PESTANAL® A 6.1/21E <i>4-Chloroaniline / 4-Cloroanilina</i> C 6.1 2019 2 <chem>H2NC6H4Cl</chem> <chem>C6H6ClN</chem> $M = 127,57$ g/mol  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	5 g	19,50	16,60	15,60	14
62287	4-Chloroaniline PROSYNTH® A 6.1/21E <i>4-Chloroaniline / 4-Cloroanilina</i> C 6.1 2018 2 <chem>ClC6H4NH2</chem> <chem>C6H6ClN</chem> $M = 127,57$ g/mol assay (GC) 98% melting range 69–70 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	500 g	35,—	29,75	28,—	26
64268	3-Chloroaniline-4,6-disulphonamide PROSYNTH® A 6.1/21 <i>Chloro-3-anilinedisulfonamide-4-6 / 3-Cloroanilina-4,6-</i> C 6.1*2018 2 <i>disulfonamida</i> <chem>ClC6H2(NH2)(SO2NH2)2</chem> <chem>C6H8ClN3O4</chem> $M = 285,73$ g/mol	WG. 2936	100 g	53,50	45,50	42,80	40
64869	4-Chloro-o-anisidine PROSYNTH® A 6.1/62 <i>4-Chloro-o-anisidine / 4-Cloro-o-anisidina</i> C 6.1*2431 3 <chem>NH2C6H3ClOCH3</chem> <chem>C7H6ClNO</chem> $M = 157,60$ g/mol assay (ex N) 97% melting range 81–83 °C (disint.)  R: 26/27/28-33 S: 28-36/37-45 disposal: 7	WG. 2923	250 g	31,—	26,35	24,80	23
62826	2-Chloroanisole PROSYNTH® A 3/4 <i>2-Chloroanisole / 2-Cloroanisol</i> C 3.3 1993 2 <chem>ClC6H4OCH3</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol $1\text{ L} \approx 1,19$ kg assay (GC) 98% boiling range 195–198 °C refractive index (n_D^{20}) 1,548	FL. 2908	25 ml	36,75	31,25	29,40	27
62886	3-Chloroanisole PROSYNTH® A 3/4 <i>3-Chloroanisole / 3-Cloroanisol</i> + 75 °C <chem>ClC6H4OCH3</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol $1\text{ L} \approx 1,18$ kg assay (GC) 97% boiling range 191–193 °C refractive index (n_D^{20}) 1,536	FL. 2908	25 ml	50,50	42,95	40,40	37,5
62288	4-Chloroanisole PROSYNTH® A 3/4 <i>4-Chloroanisole / 4-Cloroanisol</i> + 78 °C <chem>ClC6H4OCH3</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol $1\text{ L} \approx 1,20$ kg assay (GC) 98% boiling range 196–198 °C refractive index (n_D^{20}) 1,529	FL. 2908	100 ml	164,—	139,40	131,20	123





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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
289	1-Chloroanthraquinone PROSYNTH® <i>1-Chloroanthraquinone / 1-Cloroantraquinona</i> $C_6H_4COC_6H_3ClO$ $C_{14}H_7ClO_2$ $M = 242,66$ g/mol assay (ex Cl) 98% melting range 158–161 °C	WG. 2913	250 g	43,25	36,75	34,60	32,45
502	Chloroauric acid abt. 51% Au, brown <i>Acide chloroaurique / Acido cloroaúrico</i> tube of 1 g $H(AuCl_4) \cdot xH_2O$ $M =$ (anhydrous) 339,79 g/mol	2849	1 pack	price on request			
503	Chloroauric acid abt. 50% Au, yellow <i>Acide chloroaurique / Acido cloroaúrico</i> tube of 1 g $H(AuCl_4) \cdot xH_2O$ $M =$ (anhydrous) 339,79 g/mol	2849	1 pack	price on request			
776	Chlorobenside min. 99% PESTANAL® [4-Chlorophenyl-(4-chlorobenzyl)-sulfide] $ClC_6H_4SCH_2C_6H_4Cl$ $C_{13}H_{10}Cl_2S$ $M = 269,19$ g/mol	FL. 2931	1 g	28,25	24,—	22,60	21,20
965	2-Chlorobenzal bromide PROSYNTH® <i>2-Chlorobenzale bromure / 2-Clorobenzalo bromuro</i> $ClC_6H_4CHBr_2$ $C_7H_5Br_2Cl$ $M = 284,38$ g/mol	WG. 2902	25 g	36,25	30,80	29,—	27,20
966	3-Chlorobenzal bromide PROSYNTH® <i>3-Chlorobenzale bromure / 3-Clorobenzalo bromuro</i> $ClC_6H_4CHBr_2$ $C_7H_5Br_2Cl$ $M = 284,38$ g/mol assay (GC) 98%	FL. 2902	25 g	36,25	30,80	29,—	27,20
967	4-Chlorobenzal bromide PROSYNTH® <i>4-Chlorobenzale bromure / 4-Clorobenzalo bromuro</i> $ClC_6H_4CHBr_2$ $C_7H_5Br_2Cl$ $M = 284,38$ g/mol assay (GC) 95%	FL. 2902	25 g	42,75	36,35	34,20	32,05
290	2-Chlorobenzaldehyde PROSYNTH® <i>2-Chlorobenzaldéhyde / 2-Clorobenzaldehido</i> ClC_6H_4CHO C_7H_5ClO $M = 140,57$ g/mol $1\text{ L} \approx 1,25$ kg assay (GC) 98% boiling range 210–212 °C  R: 34 S: 26 disposal: 14	FL. 2912	1 L	76,50	65,05	61,20	58,90
291	3-Chlorobenzaldehyde PROSYNTH® <i>3-Chlorobenzaldéhyde / 3-Clorobenzaldehido</i> ClC_6H_4CHO C_7H_5ClO $M = 140,57$ g/mol $1\text{ L} \approx 1,24$ kg assay (GC) 98% boiling range 212–214 °C refractive index (n_D^{20}) 1,565  R: 34 S: 26 disposal: 14	FL. 2912	100 ml	136,50	116,05	109,20	102,40
292	4-Chlorobenzaldehyde PROSYNTH® <i>4-Chlorobenzaldéhyde / 4-Clorobenzaldehido</i> ClC_6H_4CHO C_7H_5ClO $M = 140,57$ g/mol assay (GC) 98% melting range 45–47 °C  R: 34 S: 26 disposal: 14	FL. 2912	1 kg	70,—	59,50	56,—	53,90



63968	3-Chlorobenzamide PROSYNTH® <i>3-Chlorobenzamide / 3-Clorobenzamida</i> <chem>C1C6H4CONH2</chem> <chem>C7H5ClNO</chem> $M = 155,58 \text{ g/mol}$ assay (ex Cl) 95% melting range 132–133 °C	WG. 2925	5 g	56,50	48,05	45,20	4
15311 A 3/3 C 3.3 1134 2 +27 °C	Chlorobenzene mono, technical <i>Chlorobenzène / Clorobenceno</i> <chem>C6H5Cl</chem> $M = 112,56 \text{ g/mol}$ 1 L ≈ 1,10 kg boiling range 130–132 °C density (D_4^{20}) 1,107–1,109 refractive index (n_D^{20}) 1,5235–1,5250  R: 10-20 S: 24/25 disposal: 7	FL. FL. EKL. F. 2902	1 L 2,5 L 30 kg 220 kg	16,— 33,25 price on request price on request	13,60 27,60	12,80 25,95	1 2
62296	4-Chlorobenzenesulphonamide PROSYNTH® <i>4-Chlorobenzène sulfonamide / 4-Clorobenceno sulfonamida</i> <chem>C1C6H4SO2NH2</chem> <chem>C6H5ClNO2S</chem> $M = 191,64 \text{ g/mol}$ assay (ex N) 98% melting range 143–145 °C	PF. 2936	1 kg	73,50	62,50	58,80	56
64857	4-Chlorobenzhydrazide PROSYNTH® <i>4-Chlorobenzhydrazide / 4-Clorobenzhidrazida</i> <chem>C1C6H4CONHNH2</chem> <chem>C7H7ClN2O</chem> $M = 170,60 \text{ g/mol}$ assay (aus Cl) 97% melting range 162–164 °C	WG. 2929	10 g	34,—	28,90	27,20	25
62293 A 8/22 C 8 1760 2	4-Chlorobenzhydryl chloride PROSYNTH® <i>4-Chlorobenzhydryle chlorure / 4-Clorobenzhidrilo cloruro</i> <chem>C1C6H4CH(Cl)C6H5</chem> <chem>C13H10Cl2</chem> $M = 237,13 \text{ g/mol}$ 1 L ≈ 1,25 kg assay (ex Cl) 98% boiling range (at 3 mbar) 158–160 °C refractive index (n_D^{20}) 1,601	FL. 2902	100 ml	51,50	43,80	41,20	38
62294	2-Chlorobenzoic acid PROSYNTH® <i>Acide chloro-2-benzoïque / Acido 2-clorobenzóico</i> <chem>C1C6H4COOH</chem> <chem>C7H5ClO2</chem> $M = 156,57 \text{ g/mol}$ assay (alkalimetric) 99% melting range 139–141 °C	PF. 2914	1 kg	54,50	46,35	43,60	41
64393	3-Chlorobenzoic acid PROSYNTH® <i>Acide chloro-3-benzoïque / Acido 3-clorobenzóico</i> <chem>C1C6H4COOH</chem> <chem>C7H5ClO2</chem> $M = 156,57 \text{ g/mol}$ assay (alkalimetric) 98% melting range 154–156 °C	WG. 2914	100 g	67,50	57,40	54,—	50
60096	4-Chlorobenzoic acid PROSYNTH® <i>Acide chloro-4-benzoïque / Acido 4-clorobenzóico</i> <chem>C1C6H4COOH</chem> <chem>C7H5ClO2</chem> $M = 156,57 \text{ g/mol}$ assay (alkalimetric) 99% melting range 238–240 °C 4-Chlorobenzoic acid chloride see 4-Chlorobenzoyl chloride	PF. PF. 2914	250 g 1 kg	23,— 76,50	19,55 65,05	18,40 61,20	17 58

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					(1 Box)	(4 Boxes)	(16 Boxes)
098	2-Chlorobenzonitrile PROSYNTH® 1/21A Chloro-2-benzonitrile / 2-Clorobenzonitrilo 1 2811 2 C ₆ H ₄ CN C ₇ H ₄ CIN M = 137,57 g/mol assay (GC) 98% melting range 43–45 °C  R: 20/21/22 S: 28 disposal: 15	WG. 2927	250 g	42,—	35,70	33,60	31,50
396	3-Chlorobenzonitrile PROSYNTH® 1/21A Chloro3-benzonitrile / 3-Clorobenzonitrilo 1 2810 2 C ₆ H ₄ CN C ₇ H ₄ CIN M = 137,57 g/mol 1 L ≈ 1,14 kg assay (GC) 99% melting range 39–41 °C  R: 20/21/22 S: 28 disposal: 15	FL. 2927	10 ml	100,—	85,—	80,—	75,—
321	4-Chlorobenzonitrile PROSYNTH® 1/21A Chloro-4-benzonitrile / 4-Clorobenzonitrilo 1 2811 2 C ₆ H ₄ CN C ₇ H ₄ CIN M = 137,57 g/mol assay (GC) 98% melting range 90–92 °C  R: 20/21/22 S: 28 disposal: 15	PF. 2927	100 g	172,—	146,20	137,60	129,—
297	4-Chlorobenzophenone PROSYNTH® Chloro-4-benzophénone / 4-Clorobenzofenona C ₁₃ H ₉ ClO M = 216,67 g/mol assay (GC) 98% melting range 74–76 °C	PF. 2913	100 g	29,50	25,10	23,60	22,15
269	5-Chlorobenzotriazole PROSYNTH® Chloro-5-benzotriazole / 5-Clorobenzotriazol C ₆ H ₄ N ₃ M = 153,57 g/mol assay (ex Cl) 98% melting range 156–158 °C	WG. 2935	25 g	57,50	48,90	46,—	43,15
248	4-Chlorobenzotrichloride PROSYNTH® 22 Chloro-4-benzotrichlorure / 4-Clorobenzotricloruro 1760 2 C ₆ H ₄ CCl ₃ C ₇ H ₄ Cl ₃ M = 229,92 g/mol 1 L ≈ 1,48 kg assay (GC) 97% boiling range (at 11 mbar) 108–111 °C refractive index (n _D ²⁰) 1,446  R: 20/21/22 S: 28 disposal: 21	FL. 2902	100 ml	16,50	14,05	13,20	12,40
275	2-Chlorobenzotrifluoride PROSYNTH® 3 2234 3 Chloro-2-benzotrifluorure / 2-Clorobenzotrifluoruro 1 °C C ₆ H ₄ (CF ₃)Cl C ₇ H ₄ ClF ₃ M = 180,56 g/mol 1 L ≈ 1,37 kg assay (GC) 98% boiling range 150–152 °C refractive index (n _D ²⁰) 1,456 R: 10 disposal: 7	FL. 2902	250 ml	47,—	39,95	37,60	35,25






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61076	3-Chlorobenzotrifluoride PROSYNTH® <i>Chloro-3-benzotrifluorure / 3-Clorobenzotrifluoruro</i> C 3.3 2234 3 +40 °C	FL. 2902	250 ml	53,—	45,05	42,40	
C ₆ H ₄ (CF ₃)Cl C ₇ H ₄ ClF ₃ M = 180,56 g/mol 1 L ≈ 1,35 kg assay (GC) 93% boiling range 133—140 °C R: 10 disposal: 7							
61077	4-Chlorobenzotrifluoride PROSYNTH® <i>Chloro-4-benzotrifluorure / 4-Clorobenzotrifluoruro</i> C 3.3 2234 3 +46 °C	FL. 2902	250 ml	40,50	34,45	32,40	
C ₆ H ₄ (CF ₃)Cl C ₇ H ₄ ClF ₃ M = 180,56 g/mol 1 L ≈ 1,34 kg assay (GC) 99% boiling range 138—139 °C refractive index (n _D ²⁰) 1,446 R: 10 disposal: 7							
60099	2-Chlorobenzoyl chloride PROSYNTH® <i>Chloro-2-benzoyle chlorure / 2-Clorobenzoilo cloruro</i> A 8/22 C 8 1760 2	FL. 2914	250 ml	34,50	29,35	27,60	2
C ₆ H ₄ COCl C ₇ H ₄ Cl ₂ O M = 175,01 g/mol 1 L ≈ 1,38 kg assay (GC) 98% boiling range (at 16 mbar) 104—108 °C refractive index (n _D ²⁰) 1,572  R: 34 S: 26 disposal: 21							
62948	3-Chlorobenzoyl chloride PROSYNTH® <i>Chloro-3-benzoyle chlorure / 3-Clorobenzoilo cloruro</i> A 8/22 C 8 1760 2	FL. 2914	100 ml	75,—	63,75	60,—	5
C ₆ H ₄ COCl C ₇ H ₄ Cl ₂ O M = 175,01 g/mol 1 L ≈ 1,36 kg assay (GC) 98% boiling range 223—225 °C refractive index (n _D ²⁰) 1,569  R: 34 S: 26 disposal: 21							
62298	4-Chlorobenzoyl chloride PROSYNTH® <i>Chloro-4-benzoyle chlorure / 4-Clorobenzoilo cloruro</i> A 8/22 C 8 1760 2	FL. 2914	100 ml	15,75	13,40	12,60	1
C ₆ H ₄ COCl C ₇ H ₄ Cl ₂ O M = 175,01 g/mol 1 L ≈ 1,38 kg assay (GC) 99% boiling range (at 24 mbar) 110—112 °C refractive index (n _D ²⁰) 1,579  R: 34 S: 26 disposal: 21							
64846	4-Chlorobenzyl alcohol PROSYNTH® <i>Alcool 4-chlorobenzylque / Alcohol 4-clorobencílico</i> C 8 1760 2	WG. 2905	10 g	17,25	14,65	13,80	12
C ₆ H ₄ CH ₂ OH C ₇ H ₇ ClO M = 142,58 g/mol assay (ex Cl) 98% melting range 68—71 °C							
62299	2-Chlorobenzylamine PROSYNTH® <i>Chloro-2-benzylamine / 2-Clorobencilamina</i> A 8/35 C 8 1760 2	FL. 2922	50 ml	109,—	92,65	87,20	81
C ₆ H ₄ CH ₂ NH ₂ C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,17 kg assay (GC) 98% boiling range 101—104 °C refractive index (n _D ²⁰) 1,560							

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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
4843	3-Chlorobenzylamine PROSYNTH®	FL.	10 ml	40,25	34,20	32,20	30,20
8/35	<i>Chloro-3-benzylamine / 3-Clorobencilamina</i>	2922					
8 1719 2	C ₆ H ₄ CH ₂ NH ₂ C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,16 kg assay (GC) 97% boiling range 226—228 °C refractive index (n _D ²⁰) 1,560						
9317	4-Chlorobenzylamine BIOSYNTH®	FL.	10 ml	26,75	22,75	21,40	20,05
8/35	<i>Chloro-4-benzylamine / 4-Clorobencilamina</i>	2922					
8 1760 2	C ₆ H ₄ CH ₂ NH ₂ C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,16 kg						
4395	4-Chlorobenzylamine PROSYNTH®	FL.	25 ml	58,—	49,30	46,40	43,50
8/35	<i>Chloro-4-benzylamine / 4-Clorobencilamina</i>	2922					
8 1719 2	C ₆ H ₄ CH ₂ NH ₂ C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,16 kg assay (GC) 98% boiling range (at 19 mbar) 104—106 °C refractive index (n _D ²⁰) 1,558						
3970	2-Chlorobenzyl bromide PROSYNTH®	FL.	25 g	131,—	111,35	104,80	98,25
6.1/61K	<i>Chloro-2-benzyle bromure / 2-Clorobencilo bromuro</i>	2902					
6.1 61K	C ₆ H ₄ CH ₂ Br						
6.1 • 2235 3	C ₇ H ₆ BrCl M = 205,48 g/mol 1 L ≈ 1,57 kg assay (GC) 95% boiling range (at 15 mbar) 118—120 °C						
3303	3-Chlorobenzyl bromide PROSYNTH®	FL.	25 ml	52,50	44,65	42,—	39,40
6.1/61K	<i>Chloro-3-benzyle bromure / 3-Clorobencilo bromuro</i>	2902					
6.1 • 2235 3	C ₆ H ₄ CH ₂ Br C ₇ H ₆ BrCl M = 205,48 g/mol 1 L ≈ 1,57 kg assay (GC) 85%						
2300	2-Chlorobenzyl chloride PROSYNTH®	FL.	250 ml	25,—	21,25	20,—	18,75
6.1/61K	<i>Chloro-2-benzyle chlorure / 2-Clorobencilo cloruro</i>	2902					
6.1 61K	C ₆ H ₄ CH ₂ Cl						
6.1 • 2235 3	C ₇ H ₆ Cl ₂ M = 161,03 g/mol 1 L ≈ 1,27 kg assay (GC) 98% boiling range 213—215 °C refractive index (n _D ²⁰) 1,559						
2301	3-Chlorobenzyl chloride PROSYNTH®	FL.	50 ml	124,50	105,85	99,60	93,40
6.1/61K	<i>Chloro-3-benzyle chlorure / 3-Clorobencilo cloruro</i>	2902					
6.1 61K	C ₆ H ₄ CH ₂ Cl						
6.1 • 2235 3	C ₇ H ₆ Cl ₂ M = 161,03 g/mol 1 L ≈ 1,27 kg assay (GC) 98% boiling range 214—216 °C refractive index (n _D ²⁰) 1,555						
2302	4-Chlorobenzyl chloride PROSYNTH®	FL.	250 ml	23,50	20,—	18,80	17,65
6.1/62A	<i>Chloro-4-benzyle chlorure / 4-Clorobencilo cloruro</i>	2902					
6.1 62A	C ₆ H ₄ CH ₂ Cl						
6.1 2235 3	C ₇ H ₆ Cl ₂ M = 161,03 g/mol assay (GC) 99% melting range 27—29 °C						
2303	3-Chlorobenzyl cyanide PROSYNTH®	FL.	50 ml	54,50	46,35	43,60	40,90
6.1/21A	<i>Chloro-3-benzyle cyanure / 3-Clorobencilo cianuro</i>	2927					
6.1 61K	C ₆ H ₄ CH ₂ CN						
6.1 1935 1	C ₈ H ₆ ClN M = 151,60 g/mol 1 L ≈ 1,19 kg						
	 R: 23/24/25 S: 44 disposal: 15						

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64396	4-Chlorobenzyl cyanide PROSYNTH®		FL.	250 ml	46,—	39,10	36,80	3
A 6.1/21A	Chloro-4-benzyle cyanure / 4-Clorobencilo cianuro		2927					
C 6.1 1935 1	<chem>ClC6H4CH2CN</chem> <chem>CaH5ClN</chem> $M = 151,60$ g/mol 1 L ≈ 1,19 kg assay (GC) 97% melting range 26–28 °C  R: 23/24/25 S: 44 disposal: 15							
63051	4-(4-Chlorobenzyl)pyridine PROSYNTH®		FL.	25 ml	28,—	23,80	22,40	2
A 6.1/21K	(Chloro-4-4-benzyl)pyridine / 4-(4-Clorobencil)piridina		2935					
C 6.1 2810 2	$N = CHCH = C(CH_2C_6H_4Cl)CH = CH$ <chem>C12H10ClN</chem> $M = 203,67$ g/mol 1 L ≈ 1,18 kg assay (GC) 98% refractive index (n_D^{20}) 1,590							
	2-Chloro-1-bromomethylbenzene see 2-Chlorobenzyl bromide							
	3-Chloro-1-bromomethylbenzene see 3-Chlorobenzyl bromide							
15224	1-Chlorobutane		FL.	500 ml	14,75	12,55	11,80	11
A 3/1A	Chloro-1-butane / 1-Clorobutano		FL.	1 L	26,75	22,75	21,40	20
C 3.2 1127 2	<chem>CH3(CH2)3Cl</chem> <chem>C4H9Cl</chem> $M = 92,57$ g/mol 1 L ≈ 0,88 kg assay (GC) 98% boiling range 77–80 °C density (D_4^{20}) 0,886–0,888 refractive index (n_D^{20}) 1,4010–1,4030  R: 11 S: 9-16-29 disposal: 7		EKL.	25 kg	price on request			
+ 1 °C			2902					
	Chlorobutanol see Acetone chloroform							
64841	4-Chloro-1-butanol PROSYNTH®		FL.	100 ml	45,25	38,45	36,20	33
A 3/3	4-Chloro-1-butanol / 4-Cloro-1-butanol		2904					
C 3.3 1993 2	<chem>HO(CH2)4Cl</chem> <chem>C4H9ClO</chem> $M = 108,57$ g/mol 1 L ≈ 1,09 kg assay (ex Cl) 97% boiling range (at 1 mbar) 50–52 °C refractive index (n_D^{20}) 1,453 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera R: 10 disposal: 7							
+ 50 °C								
64398	3-Chloro-2-butanone PROSYNTH®		FL.	250 ml	58,—	49,30	46,40	43
A 3/3	Chloro-3-butanone-(2) / 3-Cloro-2-butanona		2913					
C 3.3 1992 2	<chem>CH3CHClCOCH3</chem> <chem>C4H7ClO</chem> $M = 106,55$ g/mol 1 L ≈ 1,06 kg assay (GC) 98% boiling range 114–116 °C refractive index (n_D^{20}) 1,422  R: 10-36/37/38 S: 28 disposal: 7							
+ 28 °C								
64399	trans-1-Chloro-2-butene PROSYNTH®		FL.	100 ml	27,25	23,15	21,80	20,4
A 3/1A	trans-Chloro-1-butène-2 / trans-1-Cloro-2-buteno		2902					
C 3.2 1993 2	<chem>CH3CH = CHCH2Cl</chem> <chem>C4H7Cl</chem> $M = 90,55$ g/mol 1 L ≈ 0,93 kg assay (GC) 95% assay of cis-isomers (GC) 5% boiling range 83–85 °C  R: 11 S: 9-16-33 disposal: 7							
-10 °C								

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
3304	3-Chloro-1-butene PROSYNTH® <i>Chloro-3-butène-1 / 3-Cloro-1-buteno</i> 3.1 1993 2 7 °C <chem>CH3CHClCH=CH2</chem> <chem>C4H7Cl</chem> <i>M</i> = 90,55 g/mol 1 L ≈ 0,90 kg assay (GC) 98% boiling range 63–65 °C refractive index (n_D^{20}) 1,416 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 7	FL. 2902	100 ml	28,50	24,25	22,80	21,40
4839	4-Chlorobutyric acid PROSYNTH® <i>Acide 4-chlorobutyrique / Acido 4-clorobutírico</i> 8 1760 2 <chem>Cl(CH2)3COOH</chem> <chem>C4H7ClO2</chem> <i>M</i> = 122,55 g/mol 1 L ≈ 1,22 kg	FL. 2914	25 ml	20,75	17,65	16,60	15,55
2306	4-Chlorobutyronitrile PROSYNTH® <i>Chloro-4-butyronitrile / 4-Clorobutironitrilo</i> 6.1/11 A 6.1 2810 2 <chem>Cl(CH2)3CN</chem> <chem>C4H6ClN</chem> <i>M</i> = 103,55 g/mol 1 L ≈ 1,09 kg assay (GC) 95% boiling range 197–198 °C refractive index (n_D^{20}) 1,446	FL. 2927	100 ml	90,50	76,95	72,40	67,90
5177	ω-Chlorobutyrophenone PROSYNTH® <i>ω-Chlorobutyrophénone / ω-Clorobutirofenona</i> 6.1/23 6.1*1697 2 <chem>C6H5COCH2CH2CH2Cl</chem> <chem>C10H11ClO</chem> <i>M</i> = 182,65 g/mol 1 L ≈ 1,14 kg assay (HPLC) 99% boiling range (at 5 mbar) 130–133 °C refractive index (n_D^{20}) 1,546	FL. 2913	100 ml	65,—	55,25	52,—	48,75
3305	4-Chlorobutyrophenone PROSYNTH® <i>Chloro-4-butyrophénone / 4-Clorobutirofenona</i> <chem>ClC6H4COCH2CH2CH3</chem> <chem>C10H11ClO</chem> <i>M</i> = 182,65 g/mol assay (ex Cl) 95% melting range 35–37 °C	WG. 2913	10 g	23,75	20,20	19,—	17,80
2305	4-Chlorobutyryl chloride PROSYNTH® <i>Chloro-4-butyryle chlorure / 4-Clorobutirilo cloruro</i> 8/22 8 1760 2 <chem>Cl(CH2)3COCl</chem> <chem>C4H6Cl2O</chem> <i>M</i> = 141,00 g/mol 1 L ≈ 1,26 kg assay (ex Cl) 98% boiling range 172–174 °C refractive index (n_D^{20}) 1,462	FL. 2914	100 ml	19,25	16,35	15,40	14,45
4838	Chlorocarbonyl iso-cyanate PROSYNTH® <i>Chlorocarbonyle iso-cyanate / Clorocarbonilo iso-cianato</i> 6.1/21 C 6.1/66 6.1 2206 2 <chem>ClCONCO</chem> <chem>C2ClNO2</chem> <i>M</i> = 105,48 g/mol 1 L ≈ 1,40 kg  R: 23/24/25 S: 44 disposal: 7 2-Chloro-1-chloromethylbenzene see 2-Chlorobenzyl chloride 3-Chloro-1-chloromethylbenzene see 3-Chlorobenzyl chloride 4-Chloro-1-chloromethylbenzene see 4-Chlorobenzyl chloride	A. 2930	5 ml	22,—	18,70	17,60	16,50

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	(1)
63306	trans-2-Chlorocinnamic acid PROSYNTH® <i>Acide trans-2-chlorocinnamique / Acido trans-2-clorocinámico cloruro</i> $\text{ClC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{ClO}_2$ $M=182,61$ g/mol assay (alkalimetric) 98% melting range 209–211 °C	WG. 2914	25 g	29,—	24,65	23,20	
63971	trans-3-Chlorocinnamic acid PROSYNTH® <i>Acide trans-3-chlorocinnamique / Acido trans-3-clorocinámico cloruro</i> $\text{ClC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{ClO}_2$ $M=182,61$ g/mol assay (alkalimetric) 90% melting range 151–154 °C	WG. 2914	10 g	22,—	18,70	17,60	
63307	trans-4-Chlorocinnamic acid PROSYNTH® <i>Acide trans-4-chlorocinnamique / Acido trans-4-clorocinámico cloruro</i> $\text{ClC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{ClO}_2$ $M=182,61$ g/mol assay (alkalimetric) 99% melting range 248–250 °C	WG. 2914	10 g	22,—	18,70	17,60	1
	4-Chloro-m-cresol see 4-Chloro-3-methylphenol						
61223 A 6.1/21 C 6.1 2811 2	4-Chloro-3-cyanobenzotrifluoride PROSYNTH® <i>4-Chloro-3-cyanobenzotrifluorure / 4-Cloro-3-cianobenzotrifluoruro</i> $\text{ClC}_6\text{H}_3(\text{CN})(\text{CF}_3)$ $\text{C}_6\text{H}_3\text{ClF}_3\text{N}$ $M=205,57$ g/mol assay (GC) 98% boiling range 209–212 °C	WG. 2927	10 g	47,50	40,40	38,—	3
	Chlorocyclohexane see Cyclohexyl chloride						
62307	2-Chlorocyclohexanone PROSYNTH® stabilized with magnesium oxide (11 g/l) <i>Chloro-2-cyclohexanone / 2-Clorociclohexanona</i> $\text{ClCH}(\text{CH}_2)_4\text{CO}$ $\text{C}_6\text{H}_9\text{ClO}$ $M=132,59$ g/mol $1 \text{ L} \approx 1,16 \text{ kg}$ assay (GC) 98% boiling range (at 13 mbar) 82–83 °C refractive index (n_D^{20}) 1,483	FL. 2913	100 ml	120,—	102,—	96,—	9
63318	4-Chloro-1,2-diaminobenzene PROSYNTH® <i>4-Chloro-1-2-diaminobenzène / 4-Cloro-1,2-diaminobenceno</i> $\text{ClC}_6\text{H}_3(\text{NH}_2)_2$ $\text{C}_6\text{H}_7\text{ClN}_2$ $M=142,59$ g/mol assay (ex N) 97% melting range 69–72 °C	WG. 2922	100 g	34,50	29,35	27,60	2
63319	4-Chloro-1,3-diaminobenzene PROSYNTH® <i>4-Chloro-1-3-diaminobenzène / 4-Cloro-1,3-diaminobenceno</i> $\text{ClC}_6\text{H}_3(\text{NH}_2)_2$ $\text{C}_6\text{H}_7\text{ClN}_2$ $M=142,59$ g/mol assay (ex N) 97% melting range 87–89 °C	WG. 2922	100 g	29,50	25,10	23,60	22
64837	6-Chloro-2,4-diaminopyrimidine PROSYNTH® <i>6-Chloro-2-4-diaminopyrimidine / 6-Cloro-2,4-diaminopirimidina</i> $\text{N}=\text{C}(\text{NH}_2)\text{N}=\text{C}(\text{NH}_2)\text{CH}=\text{CCl}$ $\text{C}_4\text{H}_5\text{ClN}_4$ $M=144,56$ g/mol assay 99% melting range 198–201 °C	WG. 2935	5 g	18,—	15,30	14,40	13

Number OR GGVS CODE (GGVSee)	Type of package B.T.N.	Price per				
		package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
Chlorodifluoroacetic acid PROSYNTH® <i>Acide chlorodifluoroacétique / Acido clorodifluoroacético</i> $\text{ClCF}_2\text{CO}_2\text{H}$ $\text{C}_2\text{HClF}_2\text{O}_2$ $M = 130,48$ g/mol $1 \text{ L} \approx 1,36$ kg assay (alkalimetric) 98% boiling range $121-123^\circ\text{C}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 28 S: 1/2-20-22-26-45 disposal: 27	FL. 2914	100 ml	197,—	167,45	157,60	147,75
Chlorodimeform min. 99% PESTANAL® (N-[4-Chloro-2-methylphenyl]-N,N-dimethylformamidine) $\text{H}_3\text{CC}=\text{CHCCl}=\text{CHCH}=\text{CN}=\text{CHN}(\text{CH}_3)_2$ $\text{C}_{10}\text{H}_{13}\text{ClN}_2$ $M = 196,68$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2922	1 g	21,50	18,30	17,20	16,15
Chlorodimeform hydrochloride min. 99% PESTANAL® (N'-[4-Chloro-2-methylphenyl]-N,N-dimethylformamidinium chloride) $\text{H}_3\text{CC}=\text{CHCCl}=\text{CHCH}=\text{CN}=\text{CHN}(\text{CH}_3)_2 \cdot \text{HCl}$ $\text{C}_{10}\text{H}_{14}\text{Cl}_2\text{N}_2$ $M = 233,14$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2922	1 g	21,50	18,30	17,20	16,15
5-Chloro-2,4-dimethoxyaniline PROSYNTH® <i>5-Chloro-2,4-diméthoxyaniline / 5-Cloro-2,4-dimetoxianilina</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_2\text{ClNH}_2$ $\text{C}_8\text{H}_9\text{ClO}_2$ $M = 187,63$ g/mol assay (ex Cl) 95% melting range $87-90^\circ\text{C}$  R: 36/37/38 S: 26 disposal: 19	WG. 2923	100 g	19,25	16,35	15,40	14,45
2-Chloro-4-dimethylaminobenzaldehyde PROSYNTH® <i>2-Chloro-4-diméthylaminobenzaldéhyde / 2-Cloro-4-dimetilaminobenzaldehido</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_3\text{ClCHO}$ $\text{C}_9\text{H}_{10}\text{ClNO}$ $M = 183,64$ g/mol	WG. 2923	100 g	208,—	176,80	166,40	156,—
1-Chloro-2-dimethylaminoethane hydrochloride PROSYNTH® <i>1-Chloro-2-diméthylaminoéthane chlorhydrate / 1-Cloro-2-dimetilaminoetano clorhidrato</i> $(\text{CH}_3)_2\text{NCH}_2\text{CH}_2\text{Cl} \cdot \text{HCl}$ $\text{C}_4\text{H}_{11}\text{Cl}_2\text{N}$ $M = 144,04$ g/mol assay (ex Cl) 99% melting range $202-204^\circ\text{C}$	WG. 2922	100 g	14,50	12,35	11,60	10,90
4-Chloro-2,6-dimethylphenol PROSYNTH® <i>4-Chloro-2,6-diméthylphénol / 4-Cloro-2,6-dimetilfenol</i> $(\text{CH}_3)_2\text{C}_6\text{H}_2\text{ClOH}$ $\text{C}_8\text{H}_9\text{ClO}$ $M = 156,61$ g/mol assay (GC) 98% melting range $80-83^\circ\text{C}$  R: 20/21/22 S: 2-28 disposal: 7	WG. 2907	25 g	35,75	30,40	28,60	26,80



Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)



Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(6 Boxes)








24x
(24 Boxes)



64815	Chlorodimethyl sulphide PROSYNTH®	FL.	25 ml	32,25	27,40	25,80
A 3/1A	<i>Chlorodiméthyle sulfure / Clorodimetilo sulfuro</i>	2931				
C 3.2 1992 2	CH ₃ SCH ₂ Cl					
+17°C	C ₂ H ₆ ClS M = 96,58 g/mol 1 L ≈ 1,17 kg					
	assay (GC) 97%					
	boiling range 193–105 °C					
	refractive index (n _D ²⁰) 1,496					
	 R: 11 S: 9-16-33 disposal: 7					
62308	1-Chloro-2,4-dinitrobenzene PROSYNTH®	FL.	1 kg	41,50	35,30	33,20
A 6.1/21K	<i>1-Chloro-2-4-dinitrobenzène / 1-Cloro-2,4-dinitrobenceno</i>	2903				
C 6.1 2811 2	ClC ₆ H ₃ (NO ₂) ₂					
	C ₆ H ₃ ClN ₂ O ₄ M = 202,55 g/mol					
	assay (GC) 97%					
	melting range 49–51 °C					
	 R: 23/24/25-33 S: 28-37-44 disposal: 20					
63310	4-Chloro-3,5-dinitrobenzoic acid PROSYNTH®	WG.	10 g	17,50	14,90	14,—
	<i>Acide 4-chloro-3-5-dinitrobenzoïque / Acido 4-cloro-3,5-dinitrobenzóico</i>	2914				
	(NO ₂) ₂ C ₆ H ₂ ClCOOH					
	C ₇ H ₃ ClN ₂ O ₆ M = 246,56 g/mol					
	assay (alkalimetric) 98%					
	melting range 160–163 °C					
63311	4-Chloro-3,5-dinitrobenzonitrile PROSYNTH®	FL.	5 g	54,50	46,35	43,60
A 6.1/21K	<i>4-Chloro-3-5-dinitrobenzonitrile / 4-Cloro-3,5-</i>	2927				
C 6.1 2811 2	<i>dinitrobenzonitrilo</i>					
	(NO ₂) ₂ C ₆ H ₂ ClCN					
	C ₇ H ₂ ClN ₃ O ₄ M = 227,56 g/mol					
	assay (ex N) 98%					
61146	2-Chloro-3,5-dinitrobenzotrifluoride PROSYNTH®	WG.	10 g	25,50	21,70	20,40
A 6.1/21K	<i>2-Chloro-3-5-dinitrobenzotrifluorure / 2-Cloro-3,5-</i>	2903				
C 6.1 2811 2	<i>dinitrobenzotrifluoruro</i>					
	ClC ₆ H ₂ (NO ₂) ₂ CF ₃					
	C ₇ H ₂ ClF ₃ N ₂ O ₄ M = 270,55 g/mol					
61083	4-Chloro-3,5-dinitrobenzotrifluoride PROSYNTH®	WG.	100 g	136,50	116,05	109,20
A 6.1/21M	<i>4-Chloro-3-5-dinitrobenzotrifluorure / 4-Cloro-3,5-</i>	2903				
C 6.1 2811 2	<i>dinitrobenzotrifluoruro</i>					
	C ₆ H ₂ (CF ₃)(NO ₂) ₂ Cl					
	C ₇ H ₂ ClF ₃ N ₂ O ₄ M = 270,55 g/mol					
	assay 97%					
	melting range 54–56 °C					
	1-Chloro-9,10-dioxo-9,10-dihydroanthracene see					
	1-Chloroanthraquinone					
65205	4-Chlorodiphenyl ether PROSYNTH®	FL.	50 ml	price on request		
	<i>Ether chloro-4-diphénylique / Eter 4-clorodifenilico</i>	2908				
	ClC ₆ H ₄ OC ₆ H ₅					
	C ₁₂ H ₉ ClO M = 204,66 g/mol 1 L ≈ 1,22 kg					
	boiling range (at 17 mbar) 154–156 °C					
	refractive index (n _D ²⁰) 1,590					
62309	Chlorodiphenylmethane PROSYNTH®	FL.	100 ml	26,—	22,10	20,80
	<i>Chlorodiphénylméthane / Clorodifenilmetano</i>	2902				
	(C ₆ H ₅) ₂ CHCl					
	C ₁₃ H ₁₁ Cl M = 202,68 g/mol 1 L ≈ 1,14 kg					
	assay (GC) 97%					
	boiling range (at 4 mbar) 138–140 °C					
	refractive index (n _D ²⁰) 1,595					





Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
2310	1-Chlorododecane PROSYNTH® <i>1-Chlorododécane / 1-Clorododecano</i> <chem>CH3(CH2)11Cl</chem> <chem>C12H25Cl</chem> <i>M</i> = 204,78 g/mol 1 L ≈ 0,87 kg assay (GC) 98% boiling range (at 13 mbar) 124–126 °C refractive index (<i>n</i> _D ²⁰) 1,443	FL. 2902	1 L	49,—	41,65	39,20 37,75
5019	2-Chloroethanol <i>2-Chloroéthanol / 2-Cloroetanol</i> <chem>ClCH2CH2OH</chem> <chem>C2H5ClO</chem> <i>M</i> = 80,51 g/mol 1 L ≈ 1,20 kg assay 99% boiling range 128–129 °C density (<i>D</i> ₄ ²⁰) 1,200–1,204 refractive index (<i>n</i> _D ²⁰) 1,4420–1,4430 keep cool à stocker au frais conservare frio	FL. ZK. 2904	1 L 60 kg	28,50 price on request	24,25	22,80 21,95
62278	2-Chloroethylammonium chloride PROSYNTH® <i>2-Chloroéthylammonium chlorure / 2-Cloroetilamonio cloruro</i> <chem>CH2ClCH2NH2 · HCl</chem> <chem>C2H7Cl2N</chem> <i>M</i> = 115,99 g/mol assay (argentometric) 98% melting range 143–145 °C	PF. 2922	100 g	22,50	19,15	18,— 16,90
63312	4-(2-Chloroethyl)morpholinium chloride PROSYNTH® <i>4-(2-Chloroéthyl)morpholinium chlorure / 4-(2-Cloroetil)morfolinio cloruro</i> <chem>CH2CH2OCH2CH2NCH2CH2Cl · HCl</chem> <chem>C6H13Cl2NO</chem> <i>M</i> = 186,08 g/mol assay (ex N) 99% melting range 184–186 °C	WG. 2935	100 g	24,—	20,40	19,20 18,—
64389	1-(2-Chloroethyl)-piperidine hydrochloride PROSYNTH® <i>1-(Chloro-2-éthyl)-pipéridine chlorhydrate / 1-(2-Cloroetil)piperidinio cloridrato</i> <chem>ClCH2CH2N(CH2)4CH2 · HCl</chem> <chem>C7H15Cl2N</chem> <i>M</i> = 184,11 g/mol assay 98% melting range 230–232 °C	WG. 2935	100 g	34,50	29,35	27,60 25,90
64920	N-(2-Chloroethyl)-pyrrolidine hydrochloride PROSYNTH® <i>N-(2-Chloroéthyl)-pyrrolidine chlorhydrate / N-(2-cloroetilo)-pirrolidin cloridrato</i> <chem>ClCH2CH2N(CH2)3CH2 · HCl</chem> <chem>C6H13Cl2N</chem> <i>M</i> = 170,08 g/mol assay (ex Cl) 98% melting range 167–170 °C	WG. 2935	25 g	18,—	15,30	14,40 13,50
35708	Chlorofensone min. 99% PESTANAL® (4-Chlorophenyl-4-chlorobenzenesulfonate) <chem>ClC6H4OS(O)2C6H4Cl</chem> <chem>C12H8Cl2O3S</chem> <i>M</i> = 303,16 g/mol	FL. 2921	1 g	14,50	12,35	11,60 10,90
61069	3-Chloro-4-fluoroaniline PROSYNTH® <i>3-Chloro-4-fluoroaniline / 3-Cloro-4-fluoroanilina</i> <chem>ClC6H3(NH2)F</chem> <chem>C6H5ClFN</chem> <i>M</i> = 145,56 g/mol assay (GC) 97% melting range 42–44 °C	WG. 2922	25 g	45,—	38,25	36,— 33,75








R: 23/24/25-33 S: 28-36/37-44
disposal: 7





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
61500	2-Chloro-6-fluorobenzal chloride PROSYNTH® <i>Chloro-2-fluoro-6-benzal chlorure / 2-Cloro-6-fluorobenza / cloruro</i> <chem>ClC6H3(CHCl2)F</chem> <chem>C7H4Cl3F</chem> $M = 213,47$ g/mol 1 L ≈ 1,48 kg assay (GC) 99% boiling range (at 133 mbar) 158–160 °C	FL. 2902	100 ml	96,—	81,60	76,80	7
61394	2-Chloro-6-fluorobenzaldehyde PROSYNTH® <i>Chloro-2-fluoro-6-benzaldéhyde / 2-Cloro-6- fluorobenzaldehído</i> <chem>ClC6H3(CHO)F</chem> <chem>C7H4ClFO</chem> $M = 158,56$ g/mol 1 L ≈ 1,22 kg assay (GC) 98% melting range 35–37 °C	FL. EKL. 2912	100 g 30 kg	71,— price on request	60,35	56,80	5
61202	2-Chlorofluorobenzene PROSYNTH® <i>2-Chlorofluorobenzène / 2-Clorofluorobenceno</i> <chem>ClC6H4F</chem> <chem>C6H4ClF</chem> $M = 130,55$ g/mol 1 L ≈ 1,24 kg assay (GC) 97% boiling range 137–138 °C refractive index (n_D^{20}) 1,501   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	100 ml	163,—	138,55	130,40	122
61045	3-Chlorofluorobenzene PROSYNTH® <i>3-Chlorofluorobenzène / 3-Clorofluorobenceno</i> <chem>C6H4ClF</chem> $M = 130,55$ g/mol 1 L ≈ 1,23 kg assay (GC) 98% boiling range 126–128 °C refractive index (n_D^{20}) 1,493   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	100 ml	100,50	85,45	80,40	75,
61046	4-Chlorofluorobenzene PROSYNTH® <i>4-Chlorofluorobenzène / 4-Clorofluorobenceno</i> <chem>C6H4ClF</chem> $M = 130,55$ g/mol 1 L ≈ 1,21 kg assay (GC) 99% boiling range 127–130 °C refractive index (n_D^{20}) 1,499   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	100 ml	110,—	93,50	88,—	82,5
61166	2-Chloro-6-fluorobenzoic acid PROSYNTH® <i>Acide chloro-2-fluoro-6-benzoïque / Acido 2-cloro-6- fluorobenzóico</i> <chem>ClC6H3(COOH)F</chem> <chem>C7H4ClFO2</chem> $M = 174,56$ g/mol assay (HPLC) 98%	WG. 2914	100 g	85,—	72,25	68,—	63,7
61479	2-Chloro-6-fluorobenzoic acid nitrile PROSYNTH® <i>Acide 2-chloro-6-fluorobenzoïque nitrile / Acido 2-cloro-6- fluorobenzóico nitrilo</i> <chem>ClC6H3(CN)F</chem> <chem>C7H3ClFN</chem> $M = 155,56$ g/mol  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	108,—	91,80	86,40	81,—
61514	2-Chloro-4'-fluorobenzophenone <i>Chloro-2-fluoro-4'-benzophénone / 2-Cloro-4'- fluorobenzofenona</i> <chem>ClC6H4COC6H5F</chem> <chem>C13H9ClFO</chem> $M = 234,66$ g/mol assay (GC) 59% melting range 60–62 °C	PF. 2913	50 g	100,—	85,—	80,—	75,—



E-Number ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	50x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
02	2-Chloro-6-fluorobenzotrichloride PROSYNTH® <i>2-Chloro-6-fluorobenzotrichlorure / 2-Cloro-6-fluorobenzotricloruro</i> $\text{ClC}_6\text{H}_3(\text{CCl}_3)\text{F}$ $\text{C}_7\text{H}_3\text{Cl}_4\text{F}$ $M = 247,91 \text{ g/mol}$ $1 \text{ L} \approx 1,57 \text{ kg}$ assay (GC) 98%  R: 20/21/22 S: 28 disposal: 21	FL. 2902	100 ml	123,50	105,—	98,80	92,65
485	2-Chloro-6-fluorobenzyl alcohol PROSYNTH® <i>Alcool chloro-2-fluoro-6-benzilyque / Alcohol 2-cloro-6-fluorobencilico</i> $\text{ClC}_6\text{H}_3(\text{CH}_2\text{OH})\text{F}$ $\text{C}_7\text{H}_6\text{ClFO}$ $M = 160,58 \text{ g/mol}$ assay (GC) 95%	PF. PF. 2905	50 g † 100 g	100,— 180,—	85,— 153,—	80,—	75,—
1486 8/35 8 1719 2	2-Chloro-6-fluorobenzylamine PROSYNTH® <i>Chloro-2-fluoro-6-benzylamine / 2-Cloro-6-fluorobencilamina</i> $\text{ClC}_6\text{H}_3(\text{CH}_2\text{NH}_2)\text{F}$ $\text{C}_7\text{H}_7\text{ClFN}$ $M = 159,59 \text{ g/mol}$ assay (GC) 98% boiling range (at 20 mbar) 91—93 °C	FL. 2922	50 ml	150,—	127,50	120,—	112,50
1393 6.1/61K 6.1 2810 3	2-Chloro-6-fluorobenzyl chloride PROSYNTH® <i>Chloro-2-fluoro-6-benzyle chlorure / 2-Cloro-6-fluorobencilo cloruro</i> $\text{ClC}_6\text{H}_3(\text{CH}_2\text{Cl})\text{F}$ $\text{C}_7\text{H}_5\text{Cl}_2\text{F}$ $M = 179,02 \text{ g/mol}$ $1 \text{ L} \approx 1,37 \text{ kg}$ assay (GC) 99% boiling range 208—210 °C  R: 36/37/38 S: 26 disposal: 21	FL. FL. STP. 2902	100 ml 2,5 L 30 kg	102,50 1690,—	87,15 1402,70	82,— 1318,20	76,90 1267,50
61165 6.1/21A 6.1*1694 1	2-Chloro-6-fluorobenzyl cyanide PROSYNTH® <i>Chloro-2-fluoro-6-benzyle cyanure / 2-Cloro-6-fluorobencilo cianuro</i> $\text{ClC}_6\text{H}_3(\text{CH}_2\text{CN})\text{F}$ $\text{C}_8\text{H}_5\text{ClFN}$ $M = 169,59 \text{ g/mol}$ assay (GC) 98% boiling range (at 3 mbar) 85 °C	WG. 2927	100 g	150,—	127,50	120,—	112,50
61124 6.1/23 6.1*1697 2 149 °C	ω-Chloro-4-fluorobutyrophenone PROSYNTH® <i>ω-Chloro-4-fluorobutyrophénone / ω-Cloro-4-fluorobutiufenona</i> $\text{ClCH}_2\text{CH}_2\text{CH}_2\text{COC}=\text{CHCH}=\text{CFCH}=\text{CH}$ $\text{C}_{10}\text{H}_{10}\text{ClFO}$ $M = 200,64 \text{ g/mol}$ $1 \text{ L} \approx 1,19 \text{ kg}$ assay (GC) 97% boiling range (at 4 mbar) 121—125 °C	FL. STP. 2913	100 ml 30 kg	40,— price on request	34,—	32,—	30,—
61060 6.1/21K 6.1 2811 2	3-Chloro-4-fluoronitrobenzene PROSYNTH® <i>3-Chloro-4-fluoronitrobenzène / 3-Cloro-4-fluoronitrobenceno</i> $\text{C}_6\text{H}_3\text{ClFNO}_2$ $M = 175,55 \text{ g/mol}$ assay (GC) 98% melting range 40—42 °C	WG. 2903	100 g	134,50	114,35	107,60	100,90
61296 6.1/21L 6.1 2811 2	4-Chloro-2-fluoro-5-nitrotoluene PROSYNTH® <i>4-Chloro-2-fluoro-5-nitrotoluène / 4-Cloro-2-fluoro-5-nitrotolueno</i> $\text{ClC}_6\text{H}_2\text{FNO}_2\text{CH}_3$ $\text{C}_7\text{H}_5\text{ClFNO}_2$ $M = 189,57 \text{ g/mol}$ assay (GC) 98% melting range 41—42 °C	WG. 2903	10 g	72,50	61,65	58,—	54,40




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)
61297 A 6.1/13C C 6.1 2810 2	2-Chloro-4-fluorophenol PROSYNTH® 2-Chloro-4-fluorophénol / 2-Cloro-4-fluorofenol ClC ₆ H ₃ FOH C ₆ H ₄ ClFO M = 146,55 g/mol 1 L ≈ 1,33 kg assay (GC) 98%	FL. 2907	10 g	25,—	21,25*	20,—
61480	2-Chloro-6-fluorophenyl acetic acid PROSYNTH® Acide 2-chloro-6-fluorophénylacétique / Acido 2-cloro-6-fluorofenilacético ClFC ₆ H ₃ CH ₂ COOH C ₈ H ₆ ClFO ₂ M = 188,59 g/mol assay (GC) 98% melting range 120—121 °C	WG. 2914	100 g	150,—	127,50	120,— 1
61497	2-(2-Chloro-6-fluorophenyl)-acetoacetic acid PROSYNTH® Acide 2-(2-chloro-6-fluorophényl)-acétoacétique / Acido 2-(2-cloro-6-fluorofenilo)-acetoacético FCIC ₆ H ₃ CH(COOH)COCH ₃ C ₁₀ H ₈ ClFO ₃ M = 230,62 g/mol assay (GC) 98% melting range 142—144 °C	WG. WG. 2916	50 g † 100 g	170,— 310,—	144,50 263,50	136,— 12
61498 A 6.1/21 C 6.1 2811 2	2-(2-Chloro-6-fluorophenyl)-acetoacetonitrile PROSYNTH® 2-(2-Chloro-6-fluorophényl)-acétoacétnitrile / 2-(2-Cloro-6-fluorofenilo)-acetoacetoneitrilo FCIC ₆ H ₃ CH(CN)COCH ₃ C ₁₀ H ₇ ClFNO M = 211,62 g/mol assay (GC) 98%	WG. 2927	50 g	170,—	144,50	136,— 12
	 R: 23/24/25 S: 44 disposal: 15					
61487	2-Chloro-6-fluorophenyl acetone PROSYNTH® Chloro-2-fluoro-6-phényl acétone / 2-Cloro-6-fluorofenilo acetona FCIC ₆ H ₃ CH ₂ COCH ₃ C ₉ H ₈ ClFO M = 186,61 g/mol 1 L ≈ 1,22 kg assay (GC) 99%	FL. FL. 2913	50 ml † 100 ml	200,— 365,—	170,— 310,25	160,— 150
61051 A 3/3 C 3.3 1993 2 +48 °C	2-Chloro-4-fluorotoluene PROSYNTH® 2-Chloro-4-fluorotoluène / 2-Cloro-4-fluorotolueno C ₆ H ₃ (CH ₃)ClF C ₇ H ₆ ClF M = 144,58 g/mol 1 L ≈ 1,19 kg assay (GC) 97% boiling range (at 18 mbar) 50—52 °C refractive index (n _D ²⁰) 1,499	FL. 2902	100 ml	131,—	111,35	104,80 98
	 R: 10-20/21/22 disposal: 7					
61298 A 3/3 C 3.3 1993 2 48 °C	2-Chloro-5-fluorotoluene PROSYNTH® 2-Chloro-5-fluorotoluène / 2-Cloro-5-fluorotolueno ClC ₆ H ₃ FCH ₃ C ₇ H ₆ ClF M = 144,58 g/mol assay (GC) 99% boiling range 157—158 °C	FL. 2902	5 ml	68,—	57,80	54,40 51
	 R: 10-20/21/22 disposal: 7					
61054 A 3/3 C 3.3 1993 2 +48 °C	2-Chloro-6-fluorotoluene PROSYNTH® 2-Chloro-6-fluorotoluène / 2-Cloro-6-fluorotolueno C ₆ H ₃ (CH ₃)FCI C ₇ H ₆ ClF M = 144,58 g/mol 1 L ≈ 1,20 kg assay (GC) 99%	FL. 2902	100 ml	40,—	34,—	32,— 30,
	 R: 10-20/21/22 disposal: 7					


Number /ADR VE/GGVS GG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
06	2-Chloro-6-fluorotoluene <i>2-Chloro-6-fluorotoluène / 2-Cloro-6-fluorotolueno</i> $C_6H_3(CH_3)FCl$ C_7H_6ClF $M = 144,58$ g/mol assay (GC) 99%  R: 10-20/21/22 disposal: 7	EKS. F. 2902	45 kg 200 kg	price on request price on request			
189	3-Chloro-2-fluorotoluene PROSYNTH® <i>3-Chloro-2-fluorotoluène / 3-Cloro-2-fluorotolueno</i> $C_6H_3(CH_3)ClF$ C_7H_6ClF $M = 144,58$ g/mol assay (GC) 99% boiling range (at 113 mbar) 92–94 gÅ	FL. 2902	100 ml	price on request			
052	4-Chloro-2-fluorotoluene PROSYNTH® <i>4-Chloro-2-fluorotoluène / 4-Cloro-2-fluorotolueno</i> $C_6H_3(CH_3)ClF$ C_7H_6ClF $M = 144,58$ g/mol assay (GC) 99% boiling range 157–158 °C  R: 10-20/21/22 disposal: 7	FL. 2902	100 ml	90,—	76,50	72,— 67,50	
1053	5-Chloro-2-fluorotoluene PROSYNTH® <i>5-Chloro-2-fluorotoluène / 5-Cloro-2-fluorotolueno</i> $C_6H_3(CH_3)ClF$ C_7H_6ClF $M = 144,58$ g/mol assay (GC) 99% boiling range (at 100 mbar) 94–95 °C  R: 10-20/21/22 disposal: 7	FL. 2902	100 ml	130,—	110,50	104,— 97,50	
1506	5-Chloro-3-fluorotoluene PROSYNTH® <i>5-Chloro-3-fluorotoluène / 5-Cloro-3-fluorotolueno</i> $C_6H_3(CH_3)ClF$ C_7H_6ClF $M = 144,58$ g/mol assay (GC) 97% boiling range 156–158 °C	FL. 2902	100 ml	price on request			



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	
			(1 Box)	(1 Box)	(4 Boxes)	
32211	Chloroform R. G., stabilized with abt. 1% ethanol, Reag. ACS,	FL.	1 L	31,25	26,55	24,40
A 6.1/61A	Ph. Eur. I	FL.	2,5 L	65,50	54,35	51,10
B 6.1 61A	<i>Chloroforme / Cloroformo</i>	BA.	35 kg	kg	9,25	
C 6.1 1888 2	CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg	BA.	5x	kg	8,50	
	assay (GC) 99,0—99,4%	BA.	10x	kg	8,25	
	boiling range 60—62 °C	2902				
	density (D ₂₀ ²⁰) 1,476—1,481					
	refractive index (n _D ²⁰) 1,4440—1,4450					
	non-volatile matter max. 0,0006%					
	water (according to Karl Fischer) max. 0,01%					
	free acid (as HCl) max. 0,00005%					
	aluminium (Al) max. 0,00005%					
	lead (Pb) max. 0,000005%					
	boron (B) max. 0,000002%					
	cadmium (Cd) max. 0,000005%					
	calcium (Ca) max. 0,00005%					
	chromium (Cr) max. 0,000002%					
	iron (Fe) max. 0,00001%					
	cobalt (Co) max. 0,000002%					
	copper (Cu) max. 0,000002%					
	magnesium (Mg) max. 0,00001%					
	manganese (Mn) max. 0,000002%					
	nickel (Ni) max. 0,000002%					
	zinc (Zn) max. 0,00001%					
	tin (Sn) max. 0,00001%					
	free chlorine (Cl) max. 0,00001%					
	chloride (Cl) max. 0,0001%					
	aldehydes and cetones (as CH ₃ COCH ₃) .. max. 0,005%					
	dichloromethan max. 0,01%					
	ethanol max. 0,6—1,0%					
	tetrachloroethylen max. 0,01%					
	carbon tetrachloride max. 0,01%					
	trichloroethylene max. 0,01%					
	reaction to sulphuric acid passes test					
	 R: 20 S: 2-24/25 disposal: 13					
32286	Chloroform R.G., for determinations with dithizone, Reag.	FL.	1 L	41,25	35,05	33,—
A 6.1/61A	ACS, Reag. ISO, stabilized with abt. 1% ethanol	2902				
B 6.1 61A	<i>Chloroforme / Cloroformo</i>					
C 6.1 1888 2	CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg					
	assay (GC) min. 99%					
	boiling range 60—62 °C					
	density (D ₂₀ ²⁰) 1,476—1,481					
	refractive index (n _D ²⁰) 1,4440—1,4450					
	non-volatile matter max. 0,0006%					
	water (according to Karl Fischer) max. 0,01%					
	non-volatile matter max. 0,0006%					
	free acid (as HCl) max. 0,00005%					
	aluminium (Al) max. 0,00005%					
	barium (Ba) max. 0,00001%					
	lead (Pb) max. 0,000005%					
	boron (N) max. 0,000002%					
	cadmium (Cd) max. 0,000005%					
	calcium (Ca) max. 0,00005%					
	chromium (Cr) max. 0,000002%					
	iron (Fe) max. 0,00001%					
	cobalt (Co) max. 0,000002%					
	copper (Cu) max. 0,000002%					
	magnesium (Mg) max. 0,0001%					
	manganese (Mn) max. 0,000002%					
	nickel (Ni) max. 0,000002%					
	zinc (Zn) max. 0,00001%					
	free chlorine (Cl) max. 0,00001%					
	chloride (Cl) max. 0,0001%					
	aldehydes and cetones (as CH ₃ COCH ₃) .. max. 0,005%					
	dichloromethan max. 0,01%					
	ethanol 0,6—1,0%					
	tetrachlorethylen max. 0,01%					
	carbon tetrachloride max. 0,01%					
	trichloroethylen max. 0,01%					
	reaction to sulphuric acid passes test					
	suitability for determinations with dithizone passes test					
	 R: 20 S: 2-24/25 disposal: 13					







0853 6.1/61A 6.1 61A 6.1 1888 2	Chloroform min. 99,9% for gas chromatography <i>Chloroforme / Cloroformo</i> CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg  R: 20 S: 2-24/25 disposal: 13	FL. 2902	5 ml	49,25	41,85	39,40	36,95
34302 A 6.1/61A B 6.1 61A C 6.1 1888 2	Chloroform SPECTRANAL[®], stabilized with abt. 1% ethanol <i>Chloroforme / Cloroformo</i> CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg assay (GC) min. 99% non-volatile matter max. 0,0005% water (acc. to Karl Fischer) max. 0,01% free acid (as HCl) max. 0,001% ethanol (GC) 0,6—1,0% suitability for UV spectroscopy transmittance (1 cm cell/reference:water) transmittance/wavelength (nm): min. 50%/250, min. 90%/260, min. 98%/from 275 suitability for IR spectroscopy passes test  R: 20 S: 2-24/25 disposal: 13	FL. FL. 2902	1 L 2,5 L	37,— 80,—	31,45 66,40	29,60 62,40	28,50 60,—
34854 A 6.1/61A B 6.1 61A C 6.1 1888 2	Chloroform CHROMASOLV[®] for chromatography (UV- detection) amylen stabilized <i>Chloroforme / Cloroformo</i> CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg assay (GC) min. 99% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,01% free acid (as HCl) max. 0,001% transmittance (1 cm cell; reference: water) transmittance/wavelength (nm) min. 30%/250, min. 80%/260, min. 98%/from 275  R: 20 S: 2-24/25 disposal: 13	FL. 2902	1 L	32,75	27,85	26,20	25,20
34487 A 6.1/61A C 6.1 1888 2	Chloroform PESTANAL[®], stabilized with about 1% ethanol <i>Chloroforme / Cloroformo</i> CHCl ₃ M = 119,38 g/mol 1 L ≈ 1,47 kg assay (GC) min. 99% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,05% suitability for residue analysis: Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb [®] 100/200) show in the retention volum zones between Pentachlorobenzene, α-HCH, Aldrin and DDT a peak of < 5 · 10 ⁻¹⁰ % ≈ 5 ng/l.  R: 20 S: 2-24/25 disposal: 13	FL. FL. 2902	1 L 2,5 L	30,75 65,—	26,15 53,95	24,60 50,70	23,70 48,75





17846	Chloroform PURANAL®, stabilized with abt. 1% ethanol	FL.	2.5 L	price on request				
A 6.1/61A	Chloroforme / Cloroformo	BA.	35 kg	price on request				
C 6.1 1888 2	CHCl ₃ M = 119,38 g/mol 1 L = 1,47 kg	2902						
	assay (GC) 99,0—99,4%							
	boiling range 60—62 °C							
	density (D ₂₀ ²⁰) 1,476—1,481							
	refractive index (n _D ²⁰) 1,4440—1,4450							
	non-volatile matter max. 5 ppm							
	water (according to Karl Fischer) max. 100 ppm							
	free acid (as HCl) max. 0,5 ppm							
	aluminium (Al) max. 0,05 ppm							
	antimony (Sb) max. 0,01 ppm							
	arsenic (As) max. 0,01 ppm							
	barium (Ba) max. 0,1 ppm							
	beryllium (Be) max. 0,01 ppm							
	lead (Pb) max. 0,02 ppm							
	boron (B) max. 0,02 ppm							
	cadmium (Cd) max. 0,01 ppm							
	calcium (Ca) max. 0,2 ppm							
	chromium (Cr) max. 0,01 ppm							
	iron (Fe) max. 0,1 ppm							
	gallium (Ga) max. 0,02 ppm							
	gold (Au) max. 0,02 ppm							
	indium (In) max. 0,02 ppm							
	potassium (K) max. 0,1 ppm							
	cobalt (Co) max. 0,01 ppm							
	copper (Cu) max. 0,01 ppm							
	lithium (Li) max. 0,02 ppm							
	magnesium (Mg) max. 0,1 ppm							
	manganese (Mn) max. 0,01 ppm							
	molybdenum (Mo) max. 0,01 ppm							
	sodium (Na) max. 0,2 ppm							
	nickel (Ni) max. 0,01 ppm							
	platinum (Pt) max. 0,02 ppm							
	silver (Ag) max. 0,02 ppm							
	strontium (Sr) max. 0,02 ppm							
	thallium (Tl) max. 0,02 ppm							
	titanium (Ti) max. 0,01 ppm							
	vanadium (V) max. 0,01 ppm							
	bismuth (Bi) max. 0,02 ppm							
	zinc (Zn) max. 0,05 ppm							
	tin (Sn) max. 0,02 ppm							
	zirconium (Zr) max. 0,01 ppm							
	free chlorine (Cl) max. 0,1 ppm							
	chloride (Cl) max. 1 ppm							
	phosgene max. 0,2 ppm							
	ethanol (GC) 0,6—1,0%							
	 R: 20 S: 2-24/25 disposal: 13							
24216	Chloroform chem. pure DAB 8, B. P. 1973, stabilized with abt.	FL.	1 L	26,75	22,75	20,85	19,85	
A 6.1/61A	1% ethanol	FL.	2.5 L	57,—	47,30	44,45	42,75	
C 6.1 1888 2	Chloroforme / Cloroformo	EKL.	45 kg	kg	5,60			
	CHCl ₃ M = 119,38 g/mol 1 L = 1,47 kg	EKL.	5x	kg	5,20			
	assay (GC) 99,0—99,4%	EKL.	10x	kg	4,95			
	assay of ethanol 0,6—1,0%	EKL.	20x	kg	4,80			
	boiling range 60—62 °C	F.	250 kg	kg	4,35			
	density (D ₂₀ ²⁰) 1,476—1,481	2902						
	refractive index (n _D ²⁰) 1,4440—1,4450							
	non-volatile matter 0,001 %							
	acidly or alkalinely reacting impurities passes test							
	chloride (Cl) 0,0001 %							
	reaction to sulphuric acid passes test							
	 R: 20 S: 2-24/25 disposal: 13							

Cat-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
9084	Chloroform-d deuteration degree not less than 99,95 atom %D Chloroforme-d / Cloroformo-d CDCl ₃ M = 120,37 g/mol 1 L ≈ 1,50 kg  R: 20 S: 2-24/25 disposal: 13	A. 2851	25 ml	75,—	63,75	60,—	56,25
9085	Chloroform-d deuteration degree not less than 99,8 atom %D Chloroforme-d / Cloroformo-d CDCl ₃ M = 120,37 g/mol 1 L ≈ 1,50 kg  R: 20 S: 2-24/25 disposal: 13	FL. FL. 2851	100 ml 500 ml	107,50 456,—	91,40 387,60	86,— 364,80	80,65 342,—
99017	Chloroform-d deuteration degree not less than 99,5 atom % D Chloroforme-d / Cloroformo-d CDCl ₃ M = 120,37 g/mol 1 L ≈ 1,50 kg keep cool à stocker au frais conservese frio  R: 20 S: 2-24/25 disposal: 13	FL. FL. 2851	100 ml 500 ml	72,— 297,—	61,20 252,45	57,60 237,60	54,— 228,70
60322	Chloroformamidinium chloride PROSYNTH® Chloroformamidinium chlorure / Cloroformamidinio cloruro CH ₃ Cl ₂ M = 114,96 g/mol assay (ex Cl) 98% melting range 176—179 °C (disint.)	WG. 2926	100 g	13,—	11,05	10,40	9,75
62334	Chlorogenic acidhemihydrate PROSYNTH® Acide chlorogéniquehémihydrate / Acido clorogénicohemihidrato C ₁₆ H ₁₈ O ₉ · 0,5H ₂ O M = 363,32 g/mol assay (alkalimetric) 98% melting range 206—208 °C (disint.)	FL. 2916	1 g	90,50	76,95	72,40	67,90
64213	1-Chloroheptane PROSYNTH® 1-Chloroheptane / 1-Cloroheptano CH ₃ (CH ₂) ₆ Cl C ₇ H ₁₅ Cl M = 134,65 g/mol 1 L ≈ 0,87 kg assay (GC) 97% boiling range 159—161 °C refractive index (n _D ²⁰) 1,425 R: 10 disposal: 7	FL. 2902	100 ml	23,25	19,75	18,60	17,45
64944	3-Chloroheptane PROSYNTH® 3-Chloroheptane / 3-Cloroheptano CH ₃ (CH ₂) ₃ CHClCH ₂ CH ₃ C ₇ H ₁₅ Cl M = 134,65 g/mol 1 L ≈ 0,87 kg assay (GC) 97% boiling range (at 27 mbar) 46—48 °C refractive index (n _D ²⁰) 1,423 R: 10 disposal: 7	FL. 2902	25 ml	17,—	14,45	13,60	12,75
64939	1-Chlorohexane PROSYNTH® 1-Chlorohexane / 1-Cloroheptano CH ₃ (CH ₂) ₅ Cl C ₆ H ₁₃ Cl M = 120,62 g/mol 1 L ≈ 0,88 kg assay (GC) 99% boiling range 132—134 °C refractive index (n _D ²⁰) 1,419 R: 10 disposal: 7	FL. 2902	100 ml	28,50	24,25	22,80	21,40

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	
				(1 Box)	(4 Boxes)	(12 Boxes)	(1)
64924	6-Chloro-1-hexanol PROSYNTH® A 6.1/12B <i>6-Chloro-1-hexanol / 6-Cloro-1-hexanol</i> C 6.1 1815 3 <chem>Cl(CH2)5OH</chem> <chem>C6H13ClO</chem> $M = 136,62$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 95% boiling range (at 19 mbar) 108–112 °C refractive index (n_D^{20}) 1,455	FL. 2904	50 ml	38,75	32,95	31,—	32,95
64279	Chlorohydroquinone PROSYNTH® <i>Chlorohydroquinone / Clorohidroquinona</i> <chem>ClC6H3(OH)2</chem> <chem>C6H5ClO2</chem> $M = 144,56$ g/mol assay (HPLC) 95% melting range 103–107 °C  R: 20/21/22 S: 28 disposal: 7	WG. 2913	100 g	28,50	24,25	22,80	22,80
	3-Chloro-1-hydroxybenzene see 3-Chlorophenol						
64141	3-Chloro-4-hydroxybenzoic acid PROSYNTH® <i>Acide 3-chloro-4-hydroxybenzoïque / Acido 3-cloro-4-hidroxibenzóico</i> <chem>ClC6H3(OH)COOH</chem> <chem>C7H5ClO3</chem> $M = 172,57$ g/mol assay (alkalimetric) 99% melting range 167–170 °C	WG. 2916	10 g	40,25	34,20	32,20	32,20
64237	2-Chloro-3-hydroxypyridine PROSYNTH® <i>2-Chloro-3-hydroxypyridine / 2-Cloro-3-hidroxipiridina</i> $N = \text{CClC(OH)} = \text{CHCH} = \text{CH}$ <chem>C5H4ClNO</chem> $M = 129,55$ g/mol assay (ex N) 98% melting range 170–172 °C	WG. 2935	5 g	37,25	31,65	29,80	29,80
63313	2-Chloro-6-hydroxypyridine PROSYNTH® <i>2-Chloro-6-hydroxypyridine / 2-Cloro-6-hidroxipiridina</i> $N = \text{CClCH} = \text{CHCH} = \text{COH}$ <chem>C5H4ClNO</chem> $M = 129,55$ g/mol assay (ex N) 98% melting range 129–131 °C	WG. 2935	25 g	46,—	39,10	36,80	36,80
22069	5-Chloro-8-hydroxyquinoline <i>5-Chloro-8-hydroxyquinoléine / 5-Cloro-8-hidroxiquinolina</i> <chem>ClC6H2(OH)CH=CHCH=N</chem> <chem>C9H6ClNO</chem> $M = 179,61$ g/mol	WG. FTP. FTP. 2935	500 g 10 kg 50 kg	93,— price on request price on request	79,05	74,40	71,—
	5-Chloro-2-hydroxy-m-xylene see 4-Chloro-2,6-dimethylphenol						
	Chloroiodine solution according to Wijs see Iodine solution according to Wijs						
64256	2-Chloroiodobenzene PROSYNTH® A 6.1/62 <i>Chloro-2-iodobenzène / 2-Cloroyodobenceno</i> C 6.1 2810 3 <chem>C6H4ClI</chem> $M = 238,46$ g/mol $1\text{ L} \approx 1,96$ kg assay (GC) 99% boiling range 233–235 °C refractive index (n_D^{20}) 1,635	FL. FL. 2902	† 5 ml 25 ml	19,— 70,—	16,15 59,50	56,—	52,—
63314	4-Chloroiodobenzene PROSYNTH® <i>Chloro-4-iodobenzène / 4-Cloroyodobenceno</i> <chem>C6H4ClI</chem> $M = 238,46$ g/mol assay (GC) 99% melting range 54–56 °C	WG. 2902	100 g	111,50	94,80	89,20	83,60

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1225 A 6.1/62A C 6.1 2810 3	4-Chloro-3-iodobenzotrifluoride PROSYNTH® <i>4-Chloro-3-iodobenzotrifluorure / 4-Cloro-3-yodobenzotrifluoruro</i> $\text{ClJC}_6\text{H}_3\text{CF}_3$ $\text{C}_7\text{H}_3\text{ClF}_3\text{J}$ $M = 306,45 \text{ g/mol}$ assay (GC) 97% refractive index (n_D^{20}) 1,534	FL. 2902	25 g	33,75	28,70	27,—	25,30
22006	5-Chloro-7-iodo-8-hydroxyquinoline U. S. P. XVI <i>5-Chloro-7-iodo-8-hydroxyquinoléine / 5-Cloro-7-yodo-8-hidroxiquinolina</i> $\text{JC}_6\text{HCl(OH)CH=CHCH=N}$ $\text{C}_9\text{H}_5\text{JNO}$ $M = 305,50 \text{ g/mol}$	WG. FTP. 2935	1 kg 50 kg	133,— price on request	113,05	106,40	102,40
22090	5-Chloro-7-iodo-8-hydroxyquinoline U.S.P. XVIII <i>5-Chlor-7-iodo-8-hydroxyquinoléine / 5-Cloro-7-yodo-8-hidroxiquinolina</i> $\text{JC}_6\text{HCl(OH)CH=CHCH=N}$ $\text{C}_9\text{H}_5\text{ClJNO}$ $M = 305,50 \text{ g/mol}$	PF. FTP. 2935	1 kg 50 kg	price on request price on request			
63973	2-Chloro-4-iodotoluene PROSYNTH® <i>2-Chloro-4-iodotoluène / 2-Cloro-4-yodotolueno</i> $\text{CH}_3\text{C}_6\text{H}_3\text{ClJ}$ $\text{C}_7\text{H}_5\text{ClJ}$ $M = 252,48 \text{ g/mol}$ $1 \text{ L} \approx 1,79 \text{ kg}$ assay (GC) 97%	FL. 2902	25 g	39,25	33,35	31,40	29,45
64273	4-Chloromandelic acid PROSYNTH® <i>Acide 4-chloromandélique / Acido 4-cloroamigdálico</i> $\text{ClC}_6\text{H}_4\text{CH(OH)COOH}$ $\text{C}_8\text{H}_7\text{ClO}_3$ $M = 186,59 \text{ g/mol}$ assay (ex Cl) 97% melting range 118—120 °C 4-Chloro-1-mercaptobenzene see 4-Chlorothiophenol	WG. 2916	10 g	41,50	35,30	33,20	31,15
62314 A 6.1/53 C 6.1 2025 3	4-(Chloromercuri)benzoic acid PROSYNTH® <i>Acide 4-(chloromercuri)benzoïque / Acido 4-(cloromercuri)benzóico</i> $\text{ClHgC}_6\text{H}_4\text{COOH}$ $\text{C}_7\text{H}_5\text{ClHgO}_2$ $M = 357,16 \text{ g/mol}$ assay (HPLC) 95%  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10	WG. 2933	10 g	53,—	45,05	42,40	39,75
62315 A 6.1/53 C 6.1 2025 3	4-(Chloromercuri)benzoic acid sodium salt PROSYNTH® <i>Acide 4-(chloromercuri)benzoïque sel sodique / Acido 4-(cloromercuri)benzóico sal sódica</i> $\text{ClHgC}_6\text{H}_4\text{COONa}$ $\text{C}_7\text{H}_4\text{ClHgNaO}_2$ $M = 379,14 \text{ g/mol}$ assay (iodometric) 96%  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10 2-Chloro-1-methoxybenzene see 2-Chloroanisole 3-Chloro-1-methoxybenzene see 3-Chloroanisole 4-Chloro-1-methoxybenzene see 4-Chloroanisole	WG. 2933	10 g	54,50	46,35	43,60	40,90
62316 A 6.1/21E C 6.1 2810 2	2-Chloro-6-methoxypyridine PROSYNTH® <i>2-Chloro-6-méthoxypyridine / 2-Cloro-6-metoxipiridina</i> $\text{N=CCICH=CHCH=COCH}_3$ $\text{C}_6\text{H}_6\text{ClNO}$ $M = 143,57 \text{ g/mol}$ $1 \text{ L} \approx 1,22 \text{ kg}$ assay (GC) 95% boiling range 184—186 °C refractive index (n_D^{20}) 1,526	FL. 2935	50 ml	40,25	34,20	32,20	30,20



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			1x	6x	24x		
			(1 Box)	(4 Boxes)	(16 Boxes)		
62317	2-Chloro-4-methylaniline PROSYNTH® A 6.1/21E <i>Chloro-2-méthylaniline-4 / 2-Cloro-4-metilanilina</i> C 6.1 2239 3 <chem>ClC6H3(CH3)NH2</chem> C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,16 kg assay (GC) 98% boiling range 221–223 °C refractive index (n _D ²⁰) 1,575  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	50 ml	183,—	155,55	146,40	1
65204	2-Chloro-5-methylaniline PROSYNTH® A 6.1/21 <i>2-Chloro-5-méthylaniline / 2-Cloro-5-metilanilina</i> C 6.1 • 2018 2 <chem>ClC6H3(CH3)NH2</chem> C ₇ H ₈ ClN M = 141,60 g/mol boiling range (at 13 mbar) 98–100 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2912	50 g	price on request			
65164	2-Chloro-6-methylaniline PROSYNTH® A 6.1/21E <i>Chloro-2-méthylaniline-6 / 2-Cloro-6-metilanilina</i> C 6.1 2810 2 <chem>ClC6H3(CH3)NH2</chem> +99 °C C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,17 kg assay (GC) 98% boiling range 218–220 °C refractive index (n _D ²⁰) 1,577  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 ml	54,50	46,35	43,60	4
64411	3-Chloro-2-methylaniline PROSYNTH® A 6.1/21E <i>Chloro-3-méthyl-2-aniline / 3-Cloro-2-metilanilina</i> C 6.1 2239 3 <chem>ClC6H3(CH3)NH2</chem> C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,19 kg assay (GC) 99% boiling range (at 13 mbar) 115–117 °C refractive index (n _D ²⁰) 1,588  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 ml	26,75	22,75	21,40	20
62318	3-Chloro-4-methylaniline PROSYNTH® A 6.1/21E <i>Chloro-3-méthylaniline-4 / 3-Cloro-4-metilanilina</i> C 6.1 2239 3 <chem>ClC6H3(CH3)NH2</chem> C ₇ H ₈ ClN M = 141,60 g/mol 1 L ≈ 1,18 kg assay (GC) 98% boiling range 238–240 °C refractive index (n _D ²⁰) 1,583  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 ml	25,25	21,45	20,20	18
62319	4-Chloro-2-methylaniline PROSYNTH® A 6.1/21E <i>Chloro-4-méthylaniline-2 / 4-Cloro-2-metilanilina</i> C 6.1 2239 3 <chem>ClC6H3(CH3)NH2</chem> C ₇ H ₈ ClN M = 141,60 g/mol assay (GC) 99% melting range 26–28 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 g	31,50	26,80	25,20	23,6






2320	5-Chloro-2-methylaniline PROSYNTH® <i>Chloro-5-méthylaniline-2 / 5-Cloro-2-metilanilina</i> <chem>ClC6H3(CH3)NH2</chem> <chem>C7H6ClN</chem> $M = 141,60$ g/mol assay (GC) 99% melting range 21–23 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 g	35,—	29,75	28,—	26,25
6.1/21E 6.1 2239 3							
	3-Chloro-1-methylbenzene see 3-Chlorotoluene 4-Chloro-1-methylbenzene see 4-Chlorotoluene						
65207	2-(Chloromethyl)benzonitrile PROSYNTH® <i>2-(Chlorométhyl)benzonitrile / 2-(Clorometil)benzonitrilo</i> <chem>ClCH2C6H4CN</chem> <chem>C8H6ClN</chem> $M = 151,60$ g/mol melting range 56–57 °C	WG. 2927	100 g	price on request			
64223 A 8/22 C 8 1760 2	2-Chloromethylbenzoyl chloride PROSYNTH® <i>2-Chlorométhylbenzoyle chlorure / 2-Clorometilobenzoilo cloruro</i> <chem>ClCH2C6H4COCl</chem> <chem>C8H6Cl2O</chem> $M = 189,04$ g/mol $1\text{ L} \approx 1,34$ kg assay (GC) 95% boiling range (bei 7 mbar) 112–114 °C refractive index (n_D^{20}) 1,578	FL. 2914	25 ml	19,50	16,60	15,60	14,65
63974	4-Chloro-α-methylbenzyl alcohol PROSYNTH® <i>Alcool-4-chloro-α-méthylbenzylique / Alcohol-4-cloro-α- metilbencilico</i> <chem>ClC6H4CH(CH3)OH</chem> <chem>C8H9ClO</chem> $M = 156,61$ g/mol $1\text{ L} \approx 1,17$ kg assay (GC) 97%	FL. 2905	10 g	30,75	26,15	24,60	23,05
	Chloromethyl cyanide see Chloroacetonitrile						
62321	1-(Chloromethyl)-naphthalene PROSYNTH® <i>1-(Chlorométhyl)-naphtalène / 1-(Clorometil)-naftaleno</i> <chem>C10H7CH2Cl</chem> <chem>C11H9Cl</chem> $M = 176,65$ g/mol assay (GC) 95%	FL. 2902	100 g	26,75	22,75	21,40	20,05
35833 A 6.1/22A C 6.1 2811 3	4-Chloro-2-methylphenol min. 99% PESTANAL® <i>4-Chloro-2-méthylphénol / 4-Cloro-2-metilfenol</i> <chem>HOC6H3(CH3)Cl</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol  R: 21/22-38 S: 26-28 disposal: 7	FL. 2907	5 g	21,50	18,30	17,20	16,15
64413 A 6.1/22A C 6.1 2021 3	4-Chloro-2-methylphenol PROSYNTH® <i>Chloro-4-méthyl-2-phénol / 4-Cloro-2-metilfenol</i> <chem>Cl(CH3)C6H3OH</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol assay (GC) 90% melting range 40–45 °C  R: 21/22-38 S: 26-28 disposal: 7	WG. 2907	1 kg	60,—	51,—	48,—	46,20
62322 A 6.1/22A C 6.1 2810 3	4-Chloro-3-methylphenol PROSYNTH® <i>4-Chloro-3-méthylphénol / 4-Cloro-3-metilfenol</i> <chem>CH3C6H3ClOH</chem> <chem>C7H7ClO</chem> $M = 142,58$ g/mol assay (GC) 98% melting range 63–66 °C  R: 21/22-38 S: 26-28 disposal: 7	PF. 2907	1 kg	46,—	39,10	36,80	35,40




Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)





Type of package
B.T.N.






Price per 1x 6x 24x
package DM (1 Box) (4 Boxes) (16 Boxes)




64261	2-Chloromethyl-2-phenylpropane PROSYNTH® <i>2-Chlorométhyl-2-phénylpropane / 2-Clorometil-2-fenilpropano</i> <chem>C6H5C(CH3)2CH2Cl</chem> <chem>C10H13Cl</chem> $M = 168,67$ g/mol 1 L \approx 1,04 kg assay (GC) 99% boiling range (at 13 mbar) 94–97 °C refractive index (n_D^{20}) 1,525	FL. 2902	10 ml	26,25	22,30	21,—	1
60103 A 3/1A C 3.2 1993 2 -9 °C	2-Chloro-2-methylpropane PROSYNTH® (tert.-butyl chloride) <i>2-Chloro-2-méthylpropane / 2-Cloro-2-metilpropano</i> <chem>(CH3)3CCl</chem> <chem>C4H9Cl</chem> $M = 92,57$ g/mol 1 L \approx 0,85 kg assay (GC) 99% boiling range 50–52 °C  R: 11 S: 9-16-33 disposal: 7	FL. 2902	1 L	25,25	21,45	20,20	19
	3-Chloro-2-methylpropane see Methallyl chloride						
64923 A 3/3 C 3.3 1993 2 +33 °C	1-Chloro-2-methyl-2-propanol PROSYNTH® <i>1-Chloro-2-méthyl-2-propanol / 1-Cloro-2-metil-2-propanol</i> <chem>(CH3)2C(OH)CH2Cl</chem> <chem>C4H9ClO</chem> $M = 108,57$ g/mol 1 L \approx 1,05 kg assay (GC) 98% boiling range 125–127 °C refractive index (n_D^{20}) 1,438 R: 10 disposal: 7	FL. 2904	50 ml	37,50	31,90	30,—	28
64234 A 6.1/61L C 6.1 2810 3	2-Chloro-4-methylpyridine PROSYNTH® <i>2-Chloro-4-méthylpyridine / 2-Cloro-4-metilpiridina</i> <chem>N=CCICH=C(CH3)CH=CH</chem> <chem>C6H6ClN</chem> $M = 127,57$ g/mol 1 L \approx 1,16 kg assay (GC) 97% boiling range 192–194 °C refractive index (n_D^{20}) 1,529	FL. 2935	5 ml	28,25	24,—	22,60	21
64240 A 6.1/61L C 6.1 2810 3	2-Chloro-6-methylpyridine PROSYNTH® <i>2-Chloro-6-méthylpyridine / 2-Cloro-6-metilpiridina</i> <chem>N=CCICH=CHCH=CCH3</chem> <chem>C6H6ClN</chem> $M = 127,57$ g/mol 1 L \approx 1,15 kg assay (GC) 98% boiling range (at 13 mbar) 64–67 °C refractive index (n_D^{20}) 1,527	FL. 2935	5 ml	28,50	24,25	22,80	21
63315 A 3/4	4-Chloro-α-methylstyrene PROSYNTH® <i>4-Chloro-α-méthylstyrène / 4-Cloro-α-metilestireno</i> <chem>ClC6H4C(CH3)=CH2</chem> <chem>C9H9Cl</chem> $M = 152,62$ g/mol 1 L \approx 1,06 kg assay (GC) 96% boiling range (at 20 mbar) 101–103 °C refractive index (n_D^{20}) 1,555	FL. 2902	25 ml	46,50	39,55	37,20	34,9
64218 A 6.1/21 C 6.1 2810 2	Chloromethyl thiocyanate PROSYNTH® <i>Chlorométhylthiocyanate / Clorometiltiocianato</i> <chem>ClCH2SCN</chem> <chem>C2H2CINS</chem> $M = 107,56$ g/mol 1 L \approx 1,35 kg assay (GC) 98% boiling range (at 20 mbar) 76–78 °C refractive index (n_D^{20}) 1,516  R: 20/21/22-32 S: 2-13 disposal: 7	FL. 2931	5 ml	21,50	18,30	17,20	16,1






de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
4255	Chloromethyltrimethylsilane PROSYNTH® <i>Chlorométhyltriméthylsilane / Clorometiltrimetilsilano</i> (CH ₃) ₃ SiCH ₂ Cl C ₄ H ₁₁ ClSi M = 122,67 g/mol 1 L ≈ 0,88 kg assay (GC) 97% boiling range 97–99 °C refractive index (n _D ²⁰) 1,418   R: 11-36/37/38 S: 16-26-29 disposal: 7	A. 2934	5 ml	47,50	40,40	38,—	35,65
64232	Chloromethyltriphenylphosphonium chloride PROSYNTH® <i>Chlorométhyltriphénylphosphonium chlorure / Clorometiltrifenilfosfónio cloruro</i> ClCH ₂ P(Cl)(C ₆ H ₅) ₃ C ₁₉ H ₁₇ Cl ₂ P M = 347,22 g/mol assay (ex Cl) 97% melting range 265–267 °C	WG. 2934	10 g	46,—	39,10	36,80	34,50
64270	2-Chloronaphthalene PROSYNTH® <i>Chloro-2-naphtalène / 2-Cloronaftaleno</i> C ₁₀ H ₇ Cl M = 162,62 g/mol 1 L ≈ 1,19 kg assay (ex Cl) 97% melting range 57–59 °C	WG. 2902	25 g	48,75	41,45	39,—	36,55
64238	2-Chloronicotinic acid PROSYNTH® <i>Acide 2-chloronicotinique / Acido 2-cloronicotínico</i> CH=CHCH=NCCl=CCOOH C ₆ H ₄ ClNO ₂ M = 157,56 g/mol assay (alkalimetric) 98% melting range 176–178 °C (disint.)	WG. 2935	10 g	23,25	19,75	18,60	17,45
62323	2-Chloro-4-nitroaniline PROSYNTH® <i>2-Chloro-4-nitroaniline / 2-Cloro-4-nitroanilina</i> NO ₂ C ₆ H ₃ ClNH ₂ C ₆ H ₅ ClN ₂ O ₂ M = 172,57 g/mol assay (HPLC) 98% melting range 106–108 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	500 g	40,50	34,45	32,40	31,20
63068	2-Chloro-5-nitroaniline PROSYNTH® <i>2-Chloro-5-nitroaniline / 2-Cloro-5-nitroanilina</i> ClC ₆ H ₃ (NO ₂)NH ₂ C ₆ H ₅ ClN ₂ O ₂ M = 172,57 g/mol  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	25 g	36,75	31,25	29,40	27,55
64227	4-Chloro-3-nitroaniline PROSYNTH® <i>4-Chloro-3-nitroaniline / 4-Cloro-3-nitroanilina</i> NO ₂ C ₆ H ₃ ClNH ₂ C ₆ H ₅ ClN ₂ O ₂ M = 172,57 g/mol assay (HPLC) 95% melting range 99–102 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	100 g	17,50	14,90	14,—	13,15
63323	2-Chloro-5-nitroanisole PROSYNTH® <i>2-Chloro-5-nitroanisole / 2-Cloro-5-nitroanisol</i> ClC ₆ H ₃ (NO ₂)OCH ₃ C ₇ H ₅ ClNO ₂ M = 187,58 g/mol assay (GC) 99% melting range 81–83 °C	WG. 2908	10 g	40,25	34,20	32,20	30,20



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	12x (2 Boxes)
63317	4-Chloro-3-nitroanisole PROSYNTH® <i>4-Chloro-3-nitroanisole / 4-Cloro-3-nitroanisol</i> $\text{CH}_3\text{OC}_6\text{H}_3\text{ClNO}_2$ $\text{C}_7\text{H}_5\text{ClNO}_2$ $M = 187,58 \text{ g/mol}$ assay (GC) 98% melting range 43–45 °C	WG. 2908	10 g	11,—	9,35	8,80	
15317	2-Chloronitrobenzene technical <i>2-Chloronitrobenzène / 2-Cloronitrobenceno</i> $\text{ClC}_6\text{H}_4\text{NO}_2$ $\text{C}_6\text{H}_4\text{ClNO}_2$ $M = 157,56 \text{ g/mol}$ assay (GC) 99% congealing point 31,5 °C boiling range 243–245 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	1 kg	25,25	21,45	20,20	1
62325	4-Chloronitrobenzene PROSYNTH® <i>4-Chloronitrobenzène / 4-Cloronitrobenceno</i> $\text{C}_6\text{H}_4\text{ClNO}_2$ $M = 157,56 \text{ g/mol}$ assay (GC) 99% melting range 82–84 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	1 kg	47,—	39,95	37,60	36
64316	3-Chloronitrobenzene PROSYNTH® <i>1-Chloro-3-nitrobenzène / 1-Cloro-3-nitrobenceno</i> $\text{C}_6\text{H}_4\text{ClNO}_2$ $M = 157,56 \text{ g/mol}$ assay (GC) 98% melting range 43–46 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	100 g	17,—	14,45	13,60	12
64417	2-Chloro-4-nitrobenzoic acid PROSYNTH® <i>Acide chloro-2-nitro-4-benzoïque / Acido 2-cloro-4-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_3\text{ClCOOH}$ $\text{C}_7\text{H}_4\text{ClNO}_4$ $M = 201,57 \text{ g/mol}$ assay (alkalimetric) 98% melting range 138–140 °C	PF. 2914	250 g	32,75	27,85	26,20	24
63122	2-Chloro-5-nitrobenzoic acid PROSYNTH® <i>Acide 2-chloro-5-nitrobenzoïque / Acido 2-cloro-5-nitrobenzóico</i> $\text{ClC}_6\text{H}_3(\text{NO}_2)\text{COOH}$ $\text{C}_7\text{H}_4\text{ClNO}_4$ $M = 201,57 \text{ g/mol}$ assay (alkalimetric) 99% melting range 163–165 °C	WG. 2914	100 g	19,25	16,35	15,40	14
64226	4-Chloro-2-nitrobenzoic acid PROSYNTH® <i>Acide 4-chloro-2-nitrobenzoïque / Acido 4-cloro-2-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_3\text{ClCOOH}$ $\text{C}_7\text{H}_4\text{ClNO}_4$ $M = 201,57 \text{ g/mol}$ assay (alkalimetric) 98% melting range 141–143 °C	WG. 2914	50 g	32,75	27,85	26,20	24,5


2324 6.1/21 6.1 2811 2	4-Chloro-3-nitrobenzoic acid PROSYNTH® <i>Acide 4-chloro-3-nitrobenzoïque / Acido 4-cloro-3-nitrobenzóico</i> <chem>NO2C6H3ClCOOH</chem> <chem>C7H4ClNO4</chem> $M = 201,57 \text{ g/mol}$ assay (alkalimetric) 99% melting range 180–182 °C	PF. 2914	100 g	13,75	11,70	11,—	10,30
61081 A 6.1/21K C 6.1 2810 2	4-Chloro-3-nitrobenzotrifluoride PROSYNTH® <i>4-Chloro-3-nitrobenzotrifluorure / 4-Cloro-3-nitrobenzotrifluoruro</i> <chem>C6H3(CF3)(NO2)Cl</chem> <chem>C7H3ClF3NO2</chem> $M = 225,55 \text{ g/mol}$ 1 L ≈ 1,54 kg assay (GC) 99% boiling range (at 13 mbar) 93–95 °C refractive index (n_D^{20}) 1,489	FL. 2903	100 ml	60,50	51,45	48,40	45,40
	 R: 20/21/22 S: 28 disposal: 11						
61082 A 6.1/21K C 6.1 2810 2	5-Chloro-2-nitrobenzotrifluoride PROSYNTH® <i>5-Chloro-2-nitrobenzotrifluorure / 5-Cloro-2-nitrobenzotrifluoruro</i> <chem>C6H3(CF3)(NO2)Cl</chem> <chem>C7H3ClF3NO2</chem> $M = 225,55 \text{ g/mol}$ 1 L ≈ 1,54 kg assay (GC) 98% boiling range 222–224 °C refractive index (n_D^{20}) 1,500	FL. 2903	100 ml	164,—	139,40	131,20	123,—
	 R: 20/21/22 S: 28 disposal: 11						
65160 A 6.1/62 C 6.1 1693 3	2-Chloro-6-nitrobenzyl bromide PROSYNTH® <i>2-Chloro-6-nitrobenzyle bromure / 2-Cloro-6-nitrobencilo bromuro</i> <chem>Cl(NO2)C6H3CH2Br</chem> <chem>C7H5BrClNO2</chem> $M = 250,48 \text{ g/mol}$ assay (HPCL) 99% melting range 48–50 °C	WG. 2903	100 g	121,—	102,85	96,80	90,75
	 R: 23/24/25 S: 44 disposal: 20						
64340	4-Chloro-2-nitrodiphenylamine PROSYNTH® <i>4-Chloro-2-nitrodiphénylamine / 4-Cloro-2-nitrodifenilamina</i> <chem>C6H5NHC6H3(NO2)Cl</chem> <chem>C12H9ClN2O2</chem> $M = 248,67 \text{ g/mol}$ 4-Chloro-3-nitro-1-methoxybenzene see 4-Chloro-3-nitroanisole Chloronitromethylbenzene see Chloronitrotoluene	WG. 2903	100 g	price on request			
60104 A 6.1/21K C 6.1 1663 3	2-Chloro-4-nitrophenol with about 20% H₂O PROSYNTH® <i>2-Chloro-4-nitrophénol / 2-Cloro-4-nitrofenol</i> <chem>C6H3(OH)(NO2)Cl</chem> <chem>C6H4ClNO3</chem> $M = 173,56 \text{ g/mol}$ assay (on dry substance) (HPLC) 98%	PF. 2907	500 g	58,—	49,30	46,40	44,65
	 R: 23/24/25 S: 44 disposal: 20						








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				1x	6x	24x		
				(1 Box)	(4 Boxes)	(18)		
60105	4-Chloro-2-nitrophenol with about 20% H ₂ O PROSYNTH® 4-Chloro-2-nitrophénol / 4-Cloro-2-nitrofenol C ₆ H ₃ (OH)(NO ₂)Cl C ₆ H ₄ ClNO ₃ M = 173,56 g/mol assay (on dry substance) (HPLC) 98%  R: 23/24/25 S: 44 disposal: 20		PF. 2907	500 g	39,25	33,35	31,40	
62326	2-Chloro-3-nitropyridine PROSYNTH® 2-Chloro-3-nitropyridine / 2-Cloro-3-nitropiridina N = CCIC(NO ₂) = CHCH = CH C ₅ H ₃ ClN ₂ O ₂ M = 158,54 g/mol assay (GC) 98% melting range 100–102 °C		WG. 2935	10 g	46,50	39,55	37,20	
62328	2-Chloro-4-nitrotoluene PROSYNTH® 2-Chloro-4-nitrotoluène / 2-Cloro-4-nitrotolueno NO ₂ C ₆ H ₃ ClCH ₃ C ₇ H ₆ ClNO ₂ M = 171,58 g/mol assay (GC) 97% melting range 63–65 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20		WG. 2903	100 g	32,25	27,40	25,80	
63111	4-Chloro-2-nitrotoluene PROSYNTH® 4-Chloro-2-nitrotoluène / 4-Cloro-2-nitrotolueno NO ₂ C ₆ H ₃ ClCH ₃ C ₇ H ₆ ClNO ₂ M = 171,58 g/mol assay (GC) 97% melting range 37–39 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20		WG. 2903	250 g	35,—	29,75	28,—	
62333	5-Chloro-2-nitrotoluene PROSYNTH® 5-Chloro-2-nitrotoluène / 5-Cloro-2-nitrotolueno NO ₂ C ₆ H ₃ ClCH ₃ C ₇ H ₆ ClNO ₂ M = 171,58 g/mol 1 L ≈ 1,32 kg assay (GC) 98% melting range 23–25 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20		FL. 2903	25 ml	114,50	97,35	91,60	
63118	6-Chloro-2-nitrotoluene PROSYNTH® 6-Chloro-2-nitrotoluène / 6-Cloro-2-nitrotolueno NO ₂ C ₆ H ₃ ClCH ₃ C ₇ H ₆ ClNO ₂ M = 171,58 g/mol assay (GC) 99% melting range 35–37 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20		FL. 2903	250 ml	30,75	26,15	24,60	
64418	1-Chlorooctadecane PROSYNTH® Chloro-1-octadécane / 1-Clorooctadecano CH ₃ (CH ₂) ₁₇ Cl C ₁₈ H ₃₇ Cl M = 288,94 g/mol 1 L ≈ 0,85 kg assay (GC) 95% melting range 18–20 °C		FL. 2902	250 ml	69,—	58,65	55,20	







5154 A 3/4 +63°C	1-Chlorooctane PROSYNTH® <i>Chlorooctane-1 / 1-Clorooctano</i> <chem>CH3(CH2)7Cl</chem> <chem>C8H17Cl</chem> $M = 148,68 \text{ g/mol}$ $1 \text{ L} \approx 0,87 \text{ kg}$ assay (GC) 96% boiling range 180–182 °C refractive index (n_D^{20}) 1,430	FL. FL. 2902	100 ml 2,5 L	7,25 87,50	6,15 72,65	5,80 68,25	5,45 65,65
	2-Chloro-1-oxocyclohexane see 2-Chlorocyclohexanone 2-Chloro-α-oxotoluene see 2-Chlorobenzaldehyde 3-Chloro-α-oxotoluene see 3-Chlorobenzaldehyde 4-Chloro-α-oxotoluene see 4-Chlorobenzaldehyde						
35841	Chlorooxuron min. 99% PESTANAL® (3-[4-(4-Chlorophenoxy)-phenyl]-1,1-dimethylurea) <chem>C1C6H4OC6H4NHC(O)N(CH3)2</chem> <chem>C15H15ClN2O2</chem> $M = 290,75 \text{ g/mol}$	FL. 2925	1 g	28,25	24,—	22,60	21,20
51476 A 6.1/61K C 8 1760 2	Chloropentafluorobenzene PROSYNTH® <i>Chloropentafluorobenzène / Cloropentafluorobenceno</i> <chem>C6ClF5</chem> $M = 202,51 \text{ g/mol}$ $1 \text{ L} \approx 1,64 \text{ kg}$ assay (GC) 97% boiling range (at 1000 mbar) 121–123 °C refractive index (n_D^{20}) 1,424	FL. 2902	5 ml	27,25	23,15	21,80	20,45
64420 A 3/1A C 3.2 1993 +12°C	1-Chloropentane PROSYNTH® <i>1-Chloropentane / 1-Cloropentano</i> <chem>CH3(CH2)4Cl</chem> <chem>C5H11Cl</chem> $M = 106,59 \text{ g/mol}$ $1 \text{ L} \approx 0,88 \text{ kg}$ assay (GC) 99% boiling range 106–108 °C refractive index (n_D^{20}) 1,413   R: 11-20/21/22 S: 9-29 disposal: 7	FL. 2902	100 ml	39,25	33,35	31,40	29,45
62335 A 5.2/40	3-Chloroperbenzoic acid PROSYNTH® <i>Acide 3-chloroperbenzoïque / Acido 3-cloroperbenzóico</i> <chem>C1C6H4COOOH</chem> <chem>C7H5ClO3</chem> $M = 172,57 \text{ g/mol}$ assay (iodometric) 70% assay of 3-chlorobenzoic acid 30%	WG. 2914	10 g	15,50	13,20	12,40	11,65
60107 A 6.1/13C C 6.1 2021 3	2-Chlorophenol PROSYNTH® <i>2-Chlorophénol / 2-Clorofenol</i> <chem>C1C6H4OH</chem> <chem>C6H5ClO</chem> $M = 128,56 \text{ g/mol}$ $1 \text{ L} \approx 1,26 \text{ kg}$ assay (GC) 99% boiling range 173–175 °C refractive index (n_D^{20}) 1,560  R: 20/21/22 S: 2-28 disposal: 7	FL. 2907	500 ml	30,75	26,15	24,60	23,70




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62336	3-Chlorophenol PROSYNTH® A 6.1/13C 3-Chlorophénol / 3-Clorofenol C 6.1 2020 3 ClC6H4OH C6H5ClO M = 128,56 g/mol assay (GC) 98% melting range 32—34 °C  R: 20/21/22 S: 2-28 disposal: 7	FL. 2907	100 g	56,—	47,60	44,80	
35826	4-Chlorophenol min. 99% PESTANAL® A 6.1/13C 4-Chlorophénol / 4-Clorofenol C 6.1 2020 3 HOC6H4Cl C6H5ClO M = 128,56 g/mol  R: 20/21/22 S: 2-28 disposal: 7	FL. 2907	5 g	19,50	16,60	15,60	1
60108	4-Chlorophenol PROSYNTH® A 6.1/13C 4-Chlorophénol / 4-Clorofenol C 6.1 2020 3 ClC6H4OH C6H5ClO M = 128,56 g/mol assay (GC) 98% melting range 41—43 °C  R: 20/21/22 S: 2-28 disposal: 7	WG. 2907	500 g	18,75	15,95	15,—	14
32644	Chlorophenol red indicator Rouge de chlorophénol / Rojo de clorofenol C19H12Cl2O5S M = 423,27 g/mol	FL. 2937	1 g	8,75	7,45	7,—	6
64445	2-Chlorophenothiazine PROSYNTH® A 6.1/21 2-Chlorothioldiphénylamine / 2-Clorotiodifenilamina C 6.1 1815 3 C6H4SC6H3CINH C12H8CINS M = 233,72 g/mol assay (ex Cl) 97% melting range 195—200 °C (disint.)	WG. 2931	25 g	39,25	33,35	31,40	29
63293	4-Chlorophenoxyacetic acid PROSYNTH® Acide 4-chlorophénoxyacétique / Acido 4-clorofenoxiacético ClC6H4OCH2COOH C8H7ClO3 M = 186,59 g/mol assay (alkalimetric) 98% melting range 157—159 °C  R: 20/21/22 S: 2-13 disposal: 21	WG. 2916	250 g	27,25	23,15	21,80	20
35876	Chlorophenprop-methyl min. 99% PESTANAL® (3-[4-Chlorophenyl]-2-chloropropionic acid methyl ester) CH=CHCCl=CHCH=CHCH2CHClCOOCH3 C10H10Cl2O2 M = 233,09 g/mol  R: 20/22 S: 2-13 disposal: 7	FL. 2914	2 g	56,50	48,05	45,20	42,4

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63220	2-Chlorophenylacetic acid PROSYNTH® <i>Acide 2-chlorophénylacétique / Acido 2-clorofenilacético</i> <chem>ClC6H4CH2COOH</chem> <chem>C6H7ClO2</chem> $M = 170,60$ g/mol assay (alkalimetric) 98% melting range 93–95 °C	WG. 2914	10 g	31,75	27,—	25,40	23,80
62338	3-Chlorophenylacetic acid PROSYNTH® <i>Acide 3-chlorophénylacétique / Acido 3-clorofenilacético</i> <chem>ClC6H4CH2COOH</chem> <chem>C6H7ClO2</chem> $M = 170,60$ g/mol assay (alkalimetric) 99% melting range 77–78 °C	WG. 2914	10 g	40,75	34,65	32,60	30,55
64437 A 6.1/61 C 6.1 2811 3	4-Chlorophenylacetic acid PROSYNTH® <i>Acide 4-chlorophénylacétique / Acido 4-clorofenilacético</i> <chem>ClC6H4CH2COOH</chem> <chem>C6H7ClO2</chem> $M = 170,60$ g/mol assay (alkalimetric) 98% melting range 102–105 °C	WG. 2914	10 g	13,25	11,25	10,60	9,95
64421 A 8/22 C 8 1760 2 +59 °C	α-Chlorophenylacetyl chloride PROSYNTH® <i>α-Chlorophénylacétyle chlorure / α-Clorofenilacetilo cloruro</i> <chem>C6H5CHClCOCl</chem> <chem>C6H6Cl2O</chem> $M = 189,04$ g/mol 1 L \approx 1,30 kg assay 97% boiling range (at 32 mbar) 116–118 °C refractive index (n_D^{20}) 1,546  R: 34 S: 26 disposal: 21	FL. 2914	50 ml	35,—	29,75	28,—	26,25
	2-Chloro-(3-phenylacrylic acid) see 2-Chlorocinnamic acid 4-Chloro-(3-phenylacrylic acid) see 4-Chlorocinnamic acid Chlorophenyl-(4-chlorophenyl)-methane see 4-Chlorobenzhydryl chloride						
64423 A 6.1/21 C B 6.1/25 B C 6.1 2206 2	3-Chlorophenyl iso-cyanate PROSYNTH® <i>Chloro-3-phényl iso-cyanate / 3-Clorofenilo iso-cianato</i> <chem>ClC6H4NCO</chem> <chem>C7H4ClNO</chem> $M = 153,57$ g/mol 1 L \approx 1,27 kg assay (GC) 98% boiling range (at 13 mbar) 78–80 °C refractive index (n_D^{20}) 1,559	FL. 2930	250 ml	29,75	25,30	23,80	22,30
62337 A 6.1/25 C C 6.1 2810 2	4-Chlorophenyl iso-cyanate PROSYNTH® <i>Chloro-4-phényl iso-cyanate / 4-Clorofenil iso-cianato</i> <chem>ClC6H4NCO</chem> <chem>C7H4ClNO</chem> $M = 153,57$ g/mol assay (GC) 98% melting range 26–29 °C  R: 23/24/25 S: 44 disposal: 7	FL. 2930	100 g	11,—	9,35	8,80	8,25






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4-Chloro-o-phenylenediamine see 4-Chloro-1,2-diaminobenzene							
64422	2-Chloro-1,4-phenylenediammonium sulphate PROSYNTH® <i>Chloro-2-1-4-phénylènediamine sulfate / 2-Cloro-1,4-fenilendiamonio sulfato</i> <chem>ClC6H3(NH2)2 · H2SO4</chem> <chem>C6H9ClN2O4S</chem> M = 240,67 g/mol assay (alkalimetric) 95% melting range 255–257 °C	WG. 2922	250 g	61,50	52,30	49,20	
64900	2-Chlorophenylhydrazinium chloride PROSYNTH® <i>2-Chlorophénylhydrazinium chlorure / 2-Clorofenilhidracinio cloruro</i> <chem>ClC6H4NHNH2 · HCl</chem> <chem>C6H8Cl2N2</chem> M = 179,05 g/mol assay (ex Cl) 97%	WG. 2929	10 g	34,50	29,35	27,60	
64917	3-Chlorophenylhydrazinium chloride PROSYNTH® <i>3-Chlorophénylhydrazinium chlorure / 3-Clorofenilhidracinio cloruro</i> <chem>ClC6H4NHNH2 · HCl</chem> <chem>C6H8Cl2N2</chem> M = 179,05 g/mol assay (ex Cl) 97% melting range 226–229 °C (disint.)	WG. 2929	25 g	27,25	23,15	21,80	
64893	4-Chlorophenylhydrazinium chloride PROSYNTH® <i>4-Chlorophénylhydrazinium chlorure / 4-Clorofenilhidracinio cloruro</i> <chem>ClC6H4NHNH2 · HCl</chem> <chem>C6H8Cl2N2</chem> M = 179,05 g/mol assay (ex Cl) 98% melting range 223–225 °C (disint.)	WG. 2929	10 g	28,50	24,25	22,80	
64548	4-Chloro-2-phenylquinazoline PROSYNTH® <i>Chloro-4-phényl-2-quinazoline / 4-Cloro-2-fenilquinazolina</i> <chem>C14H9ClN2</chem> M = 240,69 g/mol assay (ex Cl) 97% melting range 124–126 °C	WG. 2935	10 g	64,50	54,85	51,60	
64438 A 6.1/25 C C 6.1 2811 2	4-Chlorophenyl iso-thiocyanate PROSYNTH® <i>Chloro-4-phényl iso-thiocyanate / 4-Clorofenil iso-tiocianato</i> <chem>ClC6H4NCS</chem> <chem>C7H4ClNS</chem> M = 169,63 g/mol assay (ex Cl) 98% melting range 45–47 °C	WG. 2931	10 g	40,50	34,45	32,40	
 R: 23/24/25 S: 44 disposal: 7							
Chlorophosphorous acid diethyl ester see Diethyl chlorophosphite							







65206 C 8 *2214 3	4-Chlorophthalic anhydride PROSYNTH® <i>Anhydride 4-chlorophthalique / Anhídrido 4-cloroftálico</i> <chem>ClC6H3COOCO</chem> <chem>C6H3ClO3</chem> $M = 182,56$ g/mol boiling range (at 4 mbar) 126—127 °C melting range 90—94 °C Chloroplatinic acid see Hexachloroplatinum(IV) acid	WG. 2915	50 g	price on request			
30854 A 3/1A C 3.1 1278 2 -18 °C	1-Chloropropane min. 99,9% for gas chromatography <i>Chloro-1-propane / 1-Cloropropano</i> <chem>CH3CH2CH2Cl</chem> <chem>C3H7Cl</chem> $M = 78,54$ g/mol $1\text{ L} \approx 0,89$ kg   R: 11-20/21/22 S: 9-29 disposal: 7	FL. 2902	5 ml	49,25	41,85	39,40	36,95
64425 A 3/1A C 3.1 1278 2 18 °C	1-Chloropropane PROSYNTH® <i>Chloro-1-propane / 1-Cloropropano</i> <chem>CH3CH2CH2Cl</chem> <chem>C3H7Cl</chem> $M = 78,54$ g/mol $1\text{ L} \approx 0,89$ kg assay (GC) 98% boiling range 45—47 °C refractive index (n_D^{20}) 1,389   R: 11-20/21/22 S: 9-29 disposal: 7	FL. 2902	250 ml 1 L	44,75 149,50	38,05 127,10	35,80 119,60	33,55 115,10
30855 A 3/1A C 3.1 1278 2 -35 °C	2-Chloropropane min. 99,9% for gas chromatography <i>Chloro-2-propane / 2-Cloropropano</i> <chem>CH3CHClCH3</chem> <chem>C3H7Cl</chem> $M = 78,54$ g/mol $1\text{ L} \approx 0,87$ kg   R: 11-20/21/22 S: 9-29 disposal: 7	FL. 2902	5 ml	48,75	41,45	39,—	36,55
60109	3-Chloro-1,2-propanediol PROSYNTH® (glycerol α -monochlorohydrin) <i>Chloro-3-propanediol-1-2 / 3-Cloro-1,2-propanodiol</i> <chem>CH2ClCHOHCH2OH</chem> <chem>C3H7ClO2</chem> $M = 110,54$ g/mol $1\text{ L} \approx 1,31$ kg assay 98% boiling range (at 15 mbar) 114—116 °C refractive index (n_D^{20}) 1,480	FL. 2904	1 L	60,—	51,—	48,—	46,20
62341 A 6.1/12 B C 6.1 2810 2	3-Chloro-1-propanol PROSYNTH® <i>Chloro-3-propanol-1 / 3-Cloro-1-propanol</i> <chem>Cl(CH2)3OH</chem> <chem>C3H7ClO</chem> $M = 94,54$ g/mol $1\text{ L} \approx 1,13$ kg assay (GC) 98% boiling range (at 19 mbar) 64—66 °C refractive index (n_D^{20}) 1,446	FL. 2904	100 ml	35,75	30,40	28,60	26,80
62342 A 6.1/61 B C 6.1 2810 2	1-Chloropropanone PROSYNTH® stabilized with calcium carbonate <i>Chloro-1-propanone / 1-Cloropropanona</i> <chem>ClCH2COCH3</chem> <chem>C3H5ClO</chem> $M = 92,52$ g/mol $1\text{ L} \approx 1,16$ kg assay (GC) 96% boiling range 119—121 °C refractive index (n_D^{20}) 1,433 keep in refrigerator à stocker dans le frigidaire almacemaje en la nevera  R: 36/37/38 S: 26 disposal: 7	FL. 2913	1 L	89,50	76,10	71,60	68,90


Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	
				(1 Box)	(4 Boxes)	(18 Boxes)	(18 Boxes)
3-Chloropropene see Allyl chloride							
63320	1-Chloropropene-(1) PROSYNTH® mixture of <i>cis</i>- and <i>trans</i>-isomers	FL. 2902	50 ml	69,—	58,65	55,20	5
A 3/1A							
C 3.2 1993 2	<i>Chloro-1-propène-(1) / 1-Cloropropeno-(1)</i>						
+0°C	CH ₃ CH=CHCl C ₃ H ₅ Cl M = 76,53 g/mol 1 L ≈ 0,91 kg assay (GC) 95% boiling range 35–38 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
	  R: 11-25 S: 16-29-33-44 disposal: 7						
63321	2-Chloropropene-(1) PROSYNTH®	FL. 2902	50 ml	237,—	201,45	189,60	17
A 3/1A	<i>Chloro-2-propène-(1) / 2-Cloropropeno-(1)</i>						
C 3.1 2456 1	CH ₃ CCl=CH ₂ C ₃ H ₅ Cl M = 76,53 g/mol 1 L ≈ 0,91 kg assay (GC) 97% boiling range 23–26 °C refractive index (n _D ²⁰) 1,397 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
-20°C	  R: 11-25 S: 16-29-33-44 disposal: 7						
4-Chloro-1-iso-propenylbenzene see 4-Chloro-α-methylstyrene							
35791	Chloropropham min. 99% PESTANAL® (Isopropyl-m-chlorocarbanilate)	FL. 2921	1 g	28,25	24,—	22,60	21
	C ₁₀ H ₁₂ ClNO ₂ M = 213,66 g/mol						
15388	2-Chloropropionic acid	FL. 2914	1 L	38,25	32,50	30,60	29
A 8/21A2	<i>Acide 2-chloropropionique / Acido 2-cloropropiónico</i>						
C 8 1759 2	CH ₃ CHClCOOH C ₃ H ₅ ClO ₂ M = 108,52 g/mol 1 L ≈ 1,27 kg assay 95–97% propionic acid 0,5–1,0% 2,2-dichloro-propionic acid 2–3%						
	 R: 34 S: 26 disposal: 21						
62344	3-Chloropropionic acid PROSYNTH®	FL. 2914	250 g	30,75	26,15	24,60	23
A 8/21D	<i>Acide 3-chloropropionique / Acido 3-cloropropiónico</i>						
C 8 2511 3	ClCH ₂ CH ₂ COOH C ₃ H ₅ ClO ₂ M = 108,52 g/mol 1 L ≈ 1,17 kg assay (GC) 99% melting range 37–39 °C						
	 R: 34 S: 26 disposal: 21						
3-Chloropropionic acid chloride see 3-Chloropropionyl chloride							
3-Chloropropionic acid ethyl ester see Ethyl 3-chloropropionate							



Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
62343	3-Chloropropionitrile PROSYNTH® <i>Chloro-3-propionitrile / 3-Cloropropionitrilo</i> ClCH ₂ CH ₂ CN C ₃ H ₄ ClN M = 89,52 g/mol 1 L ≈ 1,14 kg assay (GC) 98% boiling range 174–176 °C refractive index (n _D ²⁰) 1,438  R: 23/24/25 S: 44 disposal: 15	FL. 2927	100 ml	24,—	20,40	19,20	18,—
64429	2-Chloropropionyl chloride PROSYNTH® <i>Chloro-2-propionyle chlorure / 2-Cloropropionilo cloruro</i> CH ₃ CHClCOCl C ₃ H ₄ Cl ₂ O M = 126,97 g/mol 1 L ≈ 1,28 kg assay 98% boiling range 110–113 °C refractive index (n _D ²⁰) 1,439  R: 34 S: 26 disposal: 21	FL. 2914	100 ml	41,50	35,30	33,20	31,15
62347	3-Chloropropionyl chloride PROSYNTH® <i>Chloro-3-propionyle chlorure / 3-Cloropropionilo cloruro</i> ClCH ₂ CH ₂ COCl C ₃ H ₄ Cl ₂ O M = 126,97 g/mol 1 L ≈ 1,32 kg assay 98% boiling range 143–145 °C refractive index (n _D ²⁰) 1,457  R: 34 S: 26 disposal: 21	FL. 2914	250 ml	30,—	25,50	24,—	22,50
64352	3-Chloropropylamine hydrochloride PROSYNTH® <i>Chloro-3-propylamine chlorhydrate / 3-Cloropropilamina clorhidrato</i> ClCH ₂ CH ₂ CH ₂ NH ₂ · HCl C ₃ H ₉ Cl ₂ N M = 130,02 g/mol assay 97% melting range 148–150 °C	WG. 2922	50 g	24,—	20,40	19,20	18,—
64431	N-(2-Chloropropyl)-N,N-dimethylammonium chloride PROSYNTH® <i>N-(Chloro-2-propyl)-N-N-diméthylammonium chlorure / N-(2-Cloropropil)-N,N-dimetilamonio cloruro</i> CH ₃ CHClCH ₂ N(CH ₃) ₂ · HCl C ₅ H ₁₃ Cl ₂ N M = 158,07 g/mol assay 97% melting range 187–190 °C	PF. 2924	250 g	51,50	43,80	41,20	38,65
64432	1-(3-Chloropropyl)-piperidinium chloride PROSYNTH® <i>(Cloro-1-3-propyl)-pipéridinium chlorure / 1-(3-cloropropil)-piperidinio cloruro</i> CH ₂ (CH ₂) ₄ N(CH ₂) ₃ Cl · HCl C ₈ H ₁₇ Cl ₂ N M = 198,14 g/mol assay 99% melting range 218–220 °C	WG. 2935	100 g	70,—	59,50	56,—	52,50
39319	6-Chloropurine BIOSYNTH® <i>Chloro-6-purine / 6-Cloropurina</i> C ₆ H ₃ ClN ₄ M = 154,56 g/mol	FL. 2935	1 g	53,50	45,50	42,80	40,15
62350	2-Chloropyridine PROSYNTH® <i>Chloro-2-pyridine / 2-Cloropiridina</i> N = CCICH = CHCH = CH C ₅ H ₄ ClN M = 113,55 g/mol 1 L ≈ 1,21 kg assay (GC) 98% boiling range 168–170 °C refractive index (n _D ²⁰) 1,532	FL. 2935	100 ml	42,—	35,70	33,60	31,50

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64433	3-Chloropyridine PROSYNTH® <i>Chloro-3-pyridine / 3-Cloropiridina</i> $N = CHCCl = CHCH = CH$ C_5H_4ClN $M = 113,55$ g/mol $1 L \approx 1,21$ kg assay (GC) 98% boiling range 148–150 °C refractive index (n_D^{20}) 1,531	WG. 2935	25 g	89,50	76,10	71,60
64919	4-Chloropyridine-N-oxide PROSYNTH® <i>Chloro-4-pyridine-N-oxyde / 4-Cloropiridinio-N-óxido</i> $ON = CHCH = CCICH = CH$ C_5H_4ClNO $M = 129,55$ g/mol assay (ex Cl) 98% melting range 163–165 °C	WG. 2935	5 g	65,50	55,70	52,40
62351	4-Chloropyridinium chloride PROSYNTH® <i>Chloro-4-pyridine chlorure / 4-Cloropiridina clorhidrato</i> $N = CHCH = CCICH = CH \cdot HCl$ $C_5H_5Cl_2N$ $M = 150,01$ E3/4 XX, 2499 g/mol assay 98% melting range 222–224 °C (disint.)	WG. 2935	10 g	34,—	28,90	27,20
64402	2-Chloroquinoline PROSYNTH® <i>Chloro-2-quinoléine / 2-Cloroquinoleína</i> $C_8H_4CH = CHCCl = N$ C_9H_6ClN $M = 163,61$ g/mol assay (ex Cl) 97% melting range 34–36 °C	WG. 2935	25 g	19,25	16,35	15,40
60111	4-Chlororesorcinol PROSYNTH® <i>4-Chlororésorcinol / 4-Clororesorcina</i> $C_6H_3(OH)_2Cl$ $C_6H_5ClO_2$ $M = 144,56$ g/mol assay (HPLC) 98% melting range 106–108 °C	WG. WG. 2907	250 g 1 kg	84,— 281,—	71,40 238,85	67,20 224,80
63302	2-Chlorostyrene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>2-Chlorostyrène / 2-Cloroestireno</i> $H_2C = CHC_6H_4Cl$ C_8H_7Cl $M = 138,60$ g/mol $1 L \approx 1,11$ kg assay (GC) 98% boiling range (at 9 mbar) 58–60 °C refractive index (n_D^{20}) 1,565	FL. 2902	10 ml	69,—	58,65	55,20
63316	3-Chlorostyrene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>3-Chlorostyrène / 3-Cloroestireno</i> $H_2C = CHC_6H_4Cl$ C_8H_7Cl $M = 138,60$ g/mol $1 L \approx 1,09$ kg assay (GC) 96% boiling range (at 8 mbar) 60–62 °C refractive index (n_D^{20}) 1,562	FL. 2902	10 ml	77,50	65,90	62,—
62352	4-Chlorostyrene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>4-Chlorostyrène / 4-Cloroestireno</i> $ClC_6H_4CH = CH_2$ C_8H_7Cl $M = 138,60$ g/mol $1 L \approx 1,08$ kg assay (GC) 96% boiling range 190–192 °C refractive index (n_D^{20}) 1,565 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2902	10 ml	47,—	39,95	37,60







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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
60112	N-Chlorosuccinimide PROSYNTH® stabilized <i>N-Chlorosuccinimide / N-Clorosuccinimida</i> <chem>COCH2CH2CONCl</chem> <chem>C4H4ClNO2</chem> $M = 133,53$ g/mol assay (iodometric) 98% melting range 146–149 °C	WG. WG. FTP. 2926	250 g 1 kg 25 kg	36,— 120,— price on request	30,60 102,—	28,80 96,—	27,— 92,40
Chlorosulphonic acid see Chlorosulphuric acid							
64372 A 6.1/25 C 6.1 2206 2	Chlorosulphonyl iso-cyanate PROSYNTH® <i>Chlorosulfonyle iso-cyanate / Clorosulfonilo iso-cianato</i> <chem>CISO2NCO</chem> <chem>CCINO3S</chem> $M = 141,53$ g/mol 1 L ≈ 1,63 kg assay (ex Cl) 98% boiling range 106–108 °C refractive index (n_D^{20}) 1,447	FL. 2930	100 ml	111,50	94,80	89,20	83,65
 R: 23/24/25 S: 44 disposal: 10							
07403 A 8/11 C 8 1754 1	Chlorosulphuric acid (chlorosulphonic acid) pure <i>Acide chlorosulfurique / Acido clorosulfúrico</i> <chem>SO2(OH)Cl</chem> $M = 116,52$ g/mol 1 L ≈ 1,75 kg assay 99%	FL. TS. 2806	1 L 40 kg	29,— price on request	24,65	23,20	22,35
 R: 14-35-37 S: 26 disposal: 11							
35899	Chlorothalmethyl min. 99% PESTANAL® (Dimethyl tetrachloroterephthalate) <chem>CH3OOC-C(=CCl)C(=CCl)COOCH3</chem> <chem>C10H6Cl4O4</chem> $M = 331,97$ g/mol	FL. 2915	1 g	32,—	27,20	25,60	24,—
35707	Chlorothiamide min. 99% PESTANAL® (2,6-Dichlorothiobenzamide) <chem>Cl2C6H3CSNH2</chem> <chem>C7H5Cl2NS</chem> $M = 206,09$ g/mol	FL. 2931	1 g	28,25	24,—	22,60	21,20
 R: 20/21/22 S: 2-13 disposal: 7							
62353 A 3/3 C 3.3 1993 2 +43 °C	2-Chlorothiophene PROSYNTH® <i>2-Chlorothiophène / 2-Clorotiofeno</i> <chem>SCCl=CHCH=CH</chem> <chem>C4H3ClS</chem> $M = 118,59$ g/mol 1 L ≈ 1,29 kg assay (GC) 96% boiling range 125–128 °C refractive index (n_D^{20}) 1,547	FL. 2935	50 ml	56,50	48,05	45,20	42,40
 R: 10-20/21/22 disposal: 7							
62354 A 3/3 C 3.3 1993 2 +42 °C	4-Chlorothiophenol PROSYNTH® <i>4-Chlorothiophénol / 4-Clorotiofenol</i> <chem>ClC6H4SH</chem> <chem>C6H5ClS</chem> $M = 144,62$ g/mol assay (GC) 98% melting range 49–52 °C	FL. 2931	100 g	13,25	11,25	10,60	9,95
 R: 20/21/22 S: 28 disposal: 7							
65150 A 6.1/13C C 6.1 2811 3	4-Chlorothymol PROSYNTH® <i>Chloro-4-thymol / 4-Clorotimol</i> <chem>HO-C(=CH2)-CH2-CH2-C(=CH2)-CH3</chem> <chem>C10H13ClO</chem> $M = 184,67$ g/mol assay (GC) 98% melting range 58–60 °C	WG. 2931	250 g	137,50	116,90	110,—	103,15
α -Chlorotoluene see Benzyl chloride							

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			1x	6x	24x		
			(1 Box)	(4 Boxes)	(18 Boxes)		
64434	2-Chlorotoluene PROSYNTH® Chloro-2-toluène / 2-Clorotolueno	FL. 2902	1 L	47,—	39,95	37,60	30,—
A 3/3							
C 3.3 2238 3	CH ₃ C ₆ H ₄ Cl						
+42°C	C ₇ H ₇ Cl M = 126,59 g/mol						
	1 L ≈ 1,08 kg						
	assay (GC) 98%						
	boiling range 157—159 °C						
	refractive index (n _D ²⁰) 1,525						
	 R: 20 S: 24/25 disposal: 7						
62356	3-Chlorotoluene PROSYNTH® 3-Chlorotoluène / 3-Clorotolueno	FL. 2902	250 ml	40,—	34,—	32,—	30,—
A 3/3							
C 3.3 2238 3	CH ₃ C ₆ H ₄ Cl						
+52°C	C ₇ H ₇ Cl M = 126,59 g/mol						
	1 L ≈ 1,07 kg						
	assay (GC) 99%						
	boiling range 160—162 °C						
	refractive index (n _D ²⁰) 1,522						
	 R: 20 S: 24/25 disposal: 7						
62357	4-Chlorotoluene PROSYNTH® 4-Chlorotoluène / 4-Clorotolueno	FL. 2902	250 ml	15,50	13,20	12,40	11,—
A 3/3							
C 3.3 2238 3	CH ₃ C ₆ H ₄ Cl						
+53°C	C ₇ H ₇ Cl M = 126,59 g/mol						
	1 L ≈ 1,07 kg						
	assay (GC) 99%						
	boiling range 160—162 °C						
	refractive index (n _D ²⁰) 1,521						
	4-Chloro-o-toluidine see 5-Chloro-2-methylaniline						
	5-Chloro-o-toluidine see 4-Chloro-2-methylaniline						
	2-Chloro-p-toluidine see 2-Chloro-4-methylaniline						
	3-Chloro-p-toluidine see 3-Chloro-4-methylaniline						
	 R: 20 S: 24/25 disposal: 7						
35788	Chlorotoluron min. 99% PESTANAL® [1,1-Dimethyl-3-(3-chloro-4-methylphenyl)-urea]	FL. 2925	1 g	28,25	24,—	22,60	21,20
C ./. ./. .	(CH ₃) ₂ C ₆ H ₃ NHCON(CH ₃) ₂						
	C ₁₀ H ₁₃ ClN ₂ O M = 212,68 g/mol						
61475	6-Chloro-2,4,5-trifluoro-1,3-phenylendi-iso-cyana t PROSYNTH®	FL. 2930	1 g	46,50	39,55	37,20	34,90
A 8.1/25C							
C 6.1 2206 2	6-Chloro-2-4-5-trifluoro-1-3-phénylène di-iso-cyanate / 6-Cloro-2,4,5-trifluoro-1,3-fenilen di-iso-cianato						
	F ₃ C ₆ Cl(NCO) ₂						
	C ₆ ClF ₃ N ₂ O ₂ M = 248,55 g/mol						
	 R: 23/24/25 S: 44 disposal: 7						
62358	Chlorotrimethylsilane PROSYNTH® Chlorotriméthylsilane / Clorotrimetilsilano	FL. 2934	100 ml	23,—	19,55	18,40	17,20
A 8/23A							
C 3.2 1298 1	(CH ₃) ₃ SiCl						
-17°C	C ₃ H ₉ ClSi M = 108,64 g/mol						
	1 L ≈ 0,86 kg						
	assay (GC) 97%						
	boiling range 55—57 °C						
	refractive index (n _D ²⁰) 1,387						
	  R: 11-38/37/38 S: 18-28-29 disposal: 7						
62359	Chlorotriphenylmethane PROSYNTH® Chlorotriphénylméthane / Clorotrifenilmetano	WG. 2902	100 g	22,50	19,15	18,—	16,90
	(C ₆ H ₅) ₃ CCl						
	C ₁₉ H ₁₅ Cl M = 278,78 g/mol						
	assay (ex Cl) 97%						
	melting range 109—112 °C						

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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
64377 A 6.1/21 C 6.1 1935 1	5-Chloro-<i>n</i>-valeronitrile PROSYNTH® <i>5-Chloro-<i>n</i>-valéronitrile / 5-Cloro-<i>n</i>-valeronitrilo</i> <chem>Cl(CH2)4CN</chem> <chem>C6H8ClN</chem> $M = 117,58 \text{ g/mol}$ $1 \text{ L} \approx 1,05 \text{ kg}$ assay (GC) 97% boiling range (at 37 mbar) 115–118 °C refractive index (n_D^{20}) 1,446  R: 23/24/25 S: 44 disposal: 15	FL. 2927	10 ml	46,50	39,55	37,20	34,90
64407 A 3/4 +67 °C	2-Chloro-<i>p</i>-xylene <i>2-Chloro-<i>p</i>-xylène / 2-Cloro-<i>p</i>-xileno</i> <chem>ClC6H3(CH3)2</chem> <chem>C8H9Cl</chem> $M = 140,61 \text{ g/mol}$ $1 \text{ L} \approx 1,06 \text{ kg}$ assay (GC) 99% boiling range (at 16 mbar) 64–66 °C refractive index (n_D^{20}) 1,524	FL. 2902	500 ml	37,75	32,10	30,20	29,05
64419 A 3/4 +72 °C	4-Chloro-<i>o</i>-xylene PROSYNTH® <i>4-Chloro-<i>o</i>-xylène / 4-Cloro-<i>o</i>-xileno</i> <chem>ClC6H3(CH3)2</chem> <chem>C8H9Cl</chem> $M = 140,61 \text{ g/mol}$ $1 \text{ L} \approx 1,07 \text{ kg}$ assay (GC) 98% boiling range 221–223 °C refractive index (n_D^{20}) 1,529	FL. 2902	10 ml	31,25	26,55	25,—	24,05
20808	Cholesterol chem. pure U. S. P. XIX <i>Cholestérol / Colesterina</i> <chem>C27H46O</chem> $M = 386,66 \text{ g/mol}$ melting range 146–148 °C specific rotation ([α] $_D^{25}$; $c = 2$ in dioxan) –34° to –38° loss on drying (60 °C, 27 mbar, 4 h) 0,1% sulphated ash 0,05%	PF. PF. 2905	100 g 1 kg	31,75 271,—	27,— 230,35	25,40 216,80	23,80 208,65
20364	Cholic acid SF <i>Acide cholique SF / Acido cólico SF</i> <chem>C23H36(OH)3COOH</chem> <chem>C24H40O5</chem> $M = 408,58 \text{ g/mol}$	PF. FTP. 2916	1 kg 50 kg	price on request price on request			
39322	Cholic acid sodium salt BIOSYNTH® <i>Acide cholique sel sodique / Acido cólico sal sódica</i> <chem>C24H39NaO5</chem> $M = 430,56 \text{ g/mol}$	WG. 2916	50 g	56,50	48,05	45,20	42,40
64370 C 8 1719 2	Choline solution 50% in water PROSYNTH® <i>Choline en solution / Colina en solución</i> <chem>(CH3)3N(OH)CH2CH2OH</chem> <chem>C5H15NO2</chem> $M = 121,18 \text{ g/mol}$ $1 \text{ L} \approx 1,09 \text{ kg}$ assay (acidimetric) 50%	FL. 2924	100 ml	16,25	13,80	13,—	12,20
39175	Choline chloride BIOSYNTH® <i>Choline chlorure / Colina cloruro</i> <chem>(CH3)3N(Cl)CH2CH2OH</chem> <chem>C5H14ClNO</chem> $M = 139,62 \text{ g/mol}$ assay (ex Cl) 99%	PF. 2924	500 g	52,50	44,65	42,—	40,45
39198	Choline iodide BIOSYNTH® <i>Choline iodure / Colina yoduro</i> <chem>(CH3)3N(I)CH2CH2OH</chem> <chem>C5H14JNO</chem> $M = 231,08 \text{ g/mol}$ assay (ex I) 96% melting range 275–278 °C	WG. 2924	10 g	10,—	8,50	8,—	7,50

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	9x (18 Boxes)
39129	Chondroitin sulphate sodium salt (of shark) BIOSYNTH® <i>Chondroitine sulfate sel sodique (de requin) / Quondroitina sulfato sal sódica (de tiburón)</i> assay of sulphur 5,4% Chromatography products complete range see appendix	WG. 3906	25 g	34,50	29,35	27,60	25,80
64347	Chromcarbonyl PROSYNTH® <i>Chromecarbonyl / Cromocarbonilo</i> Cr(CO) ₆ C ₆ CrO ₆ M = 220,06 g/mol assay (ex Cr) 98% melting range 107 – 110 °C (disint.)  R: 23/24/25 S: 44 disposal: 10	FL. 2858	5 g	price on request			
33108	Chrome azurol S (C. I. No. 43825, S. No. 841) indicator for metal titration <i>Chromazurol S / Cromazurol S</i> C ₂₃ H ₁₃ Cl ₂ Na ₃ O ₉ S M = 605,29 g/mol Chrome black see Eriochrome black T Chromedia see Cellulose powder Chrome green see Chromium(III) oxide Chrome red see Lead chromate Chromic... see Chromium(III) ... Chromic anhydride see Chromium(VI) oxide	WG. 3205	25 g	19,75	16,80	15,80	14,80
12221	Chromium powder <i>Chrome / Cromo</i> Cr M = 52,00 g/mol assay 98 – 99% aluminium (Al) 0,2% iron (Fe) 0,3% carbon (C) 0,02% phosphorus (P) 0,01% sulphur (S) 0,025% silicium (Si) 0,1%	WG. WG. 8104	100 g 500 g	10,— 36,—	8,50 30,60	8,— 28,80	7,— 27,—
38616	0,100 g Chromium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Chrome / 0,100 g Cromo</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38653	0,100 g organo-Chromium FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Chrome / 0,100 g organo-Cromo</i> + 25 °C R: 10 ampoule	3819	1 pack	33,75	28,70	27,—	25,30
38559	1,00 g Chromium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Chrome / 1,00 g Cromo</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38855	 R: 36/38 S: 2-26 10,00 g Chromium FIXANAL® as Potassium chromate <i>10,00 g Chrome / 10,00 g Cromo</i> ampoule	3819					
62360	Chromium(III) acetylacetonate PROSYNTH® <i>Chrome(III) acétylacétonate / Cromo(III) acetilacetonato</i> Cr(C ₅ H ₇ O ₂) ₃ C ₁₅ H ₂₁ CrO ₆ M = 349,32 g/mol assay (ex Cr) 99% melting range 212 – 214 °C (disint.)	PF. 2945	100 g	28,75	24,45	23,—	21,50

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
2228	Chromium(III) chloride pure cryst. <i>Chrome(III) chlorure / Cromo(III) cloruro</i> $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$ $M = 266,45 \text{ g/mol}$ assay 97% iron (Fe) 0,03% sulphate (SO_4) 0,05%	PF. PF. FTP. 2830	500 g 1 kg 50 kg	17,50 32,— kg 13,—	14,90 27,20 13,—	14,— 25,60	13,50 24,65
10401 C 6.1 2811 3	Chromium(II) fluoride <i>Chrome(II) fluorure / Cromo(II) fluoruro</i> CrF_2 $M = 89,99 \text{ g/mol}$	WG. 2829	10 g	166,—	141,10	132,80	124,50
01130 A 8/15B C 8 1756 2	Chromium(III) fluoride (39—42% Cr_2O_3) <i>Chrome(III) fluorure / Cromo(III) fluoruro</i> $\text{CrF}_3 \cdot 4\text{H}_2\text{O}$ $M = 181,05 \text{ g/mol}$ assay of CrF_3 52—56% insoluble in water 2%	PF. S. FTP. 2829	1 kg 50 kg 100 kg	20,75 price on request price on request	17,65	16,60	16,—
31313 C 5.1 1477 2	Chromium(III) nitrate-9-hydrate R. G. <i>Chrome(III) nitrate-9-hydrate / Cromo(III) nitrato-9-hidrato</i> $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 400,15 \text{ g/mol}$ assay min. 98% ammonium (NH_4) max. 0,001% calcium (Ca) max. 0,005% iron (Fe) max. 0,02% copper (Cu) max. 0,001% magnesium (Mg) max. 0,005% sodium (Na) max. 0,005% nickel (Ni) max. 0,005% zinc (Zn) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO_4) max. 0,005%	WG. FTP. 2839	250 g 50 kg	18,75 kg 25,—	15,95	15,—	14,05
12232 C 5.1 1477 2	Chromium(III) nitrate-9-hydrate pure cryst. <i>Chrome(III) nitrate-9-hydrate / Cromo(III) nitrato-9-hidrato</i> $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 400,15 \text{ g/mol}$ assay 99% ammonium (NH_4) 0,001% iron (Fe) 0,02% chloride (Cl) 0,003% sulphate (SO_4) 0,03%	PF. PF. PF. S. 2839	500 g 1 kg 2,5 kg 50 kg	16,— 29,— 62,— price on request	13,60 24,65 51,45	12,80 23,20 48,35	12,30 22,35 46,50
12278	Chromium(III) nitrate solution 70% $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ <i>Chrome(III) nitrate en solution / Cromo(III) nitrato en solución</i> $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 400,15 \text{ g/mol}$ 1 L \approx 1,41 kg assay (of $\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$) 69—71% pH (20 °C, 5%) 2—2,5 ammonium (NH_4) 0,001% calcium (Ca) 0,1% iron (Fe) 0,1% sodium (Na) 0,1% chloride (Cl) 0,005% sulphate (SO_4) 2%	PF. FPF. 2839	2,5 L 60 kg	price on request price on request			
12233	Chromium(III) oxide pure <i>Chrome(III) oxyde / Cromo(III) óxido</i> Cr_2O_3 $M = 151,99 \text{ g/mol}$ assay 99,8% chromium(VI)-oxide (CrO_3) 0,01% sulphate (SO_4) 0,01%	PF. PF. PF. S. 2821	500 g 1 kg 5 kg 25 kg	18,— 32,75 131,— price on request	15,30 27,85 108,75	14,40 26,20 102,20	13,85 25,20 98,25

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			1x	6x	24x	
			Box	Box	Box	
31225	Chromium(VI) oxide R. G., cryst. Reag. ACS, Reag. Ph. Eur. I	WG.	100 g	10,25	8,70	8,20
A 5.1/10	Chrome(VI) oxyde / Cromo(VI) óxido	WG.	250 g	20,—	17,—	16,—
C 5.1 1463 2	CrO ₃ M = 99,99 g/mol	WG.	1 kg	59,50	50,60	47,60
	assay min. 98%	BL.	50 kg	kg	24,50	
	insoluble in water max. 0,005%	2821				
	potassium (K) max. 0,005%					
	sodium (Na) max. 0,005%					
	chloride (Cl) max. 0,005%					
	nitrate (NO ₃) max. 0,004%					
	sulphate (SO ₄) max. 0,005%					
	  R: 8-35 S: 28 disposal: 16					
12235	Chromium(VI) oxide chem. pure DAC, B. P. C. 1968, N. F. X	WG.	250 g	19,25	16,35	15,40
A 5.1/10	Chrome(VI) oxyde / Cromo(VI) óxido	WG.	1 kg	56,50	48,05	45,20
C 5.1 1463 2	CrO ₃ M = 99,99 g/mol	WG.	2,5 kg	118,—	97,95	92,05
	assay 99%	FPD.	50 kg	price on request		
	alkalis 0,1%	2821				
	chloride (Cl) 0,02%					
	sulphate (SO ₄) 0,02%					
	loss in drying (105 °C) 0,5%					
	potassium (K) 0,02%					
	sodium (Na) 0,02%					
	  R: 8-35 S: 28 disposal: 16					
12236	Chromium(VI) oxide scales	BL.	1 kg	35,—	29,75	28,—
A 5.1/10	Chrome(VI) oxyde / Cromo(VI) óxido	BL.	5 kg	131,—	108,75	102,20
C 5.1 1463 2	CrO ₃ M = 99,99 g/mol	BLT.	50 kg	price on request		
	assay 99,5%	2821				
	chloride (Cl) 0,02%					
	sulphate (SO ₄) 0,1%					
	  R: 8-35 S: 28 disposal: 16					
Chromium potassium sulphate see Potassium chromium sulphate						
Chromium sesquichloride see Chromium(III) chloride						
Chromium sesquioxide see Chromium(III) oxide						
12243	Chromium(III) sulphate basic pure	PF.	500 g	14,25	12,10	11,40
	Chrome(III) sulfate / Cromo(III) sulfato	PF.	1 kg	26,—	22,10	20,80
	Cr ₄ (SO ₄) ₅ (OH) ₂ M = 722,31 g/mol	FTP.	50 kg	price on request		
	assay of Cr ₂ O ₃ 33—34%	2838				
	pH (5%, 20 °C) 1,5—2,5					
	iron (Fe) 0,02%					
	chloride (Cl) 0,02%					
	chromate (CrO ₄) 0,05%					
Chromium trioxide see Chromium(VI) oxide						
Chromogene black see Eriochrome black T						
39500	Chromosorb® G NAW 0,180—0,250 mm (60—80 mesh ASTM) calcined, not acid washed for gas chromatography	WG.	100 g	65,50	55,70	52,40
	Chromosorb® G NAW / Chromosorb® G NAW	3819				
	® = trade mark of the Johns-Manville					
39501	Chromosorb® G AW 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed for gas chromatography	WG.	100 g	109,—	92,65	87,20
		3819				
39502	Chromosorb® G AW 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed for gas chromatography	WG.	100 g	98,50	83,75	78,80
		3819				
39503	Chromosorb® G AW-DMCS 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed and treated with dimethyldichlorosilane for gas chromatography	WG.	100 g	153,—	130,05	122,40
		3819				


Code-Number
RID/ADR
GGVE/GGV8
MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
39504	Chromosorb® G AW-DMCS 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed and treated with dimethyldichlorosilane for gas chromatography	WG. 3819	100 g	131,—	111,35	104,80	98,25
39505	Chromosorb® G HP AW-DMCS 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed and treated with dimethyldichlorosilane (High Performance grade) for gas chromatography	WG. 3819	50 g	173,—	147,05	138,40	129,75
39506	Chromosorb® P NAW 0,150—0,180 mm (80—100 mesh ASTM) calcined, not acid washed for gas chromatography	WG. 3819	100 g	81,—	68,85	64,80	60,75
39507	Chromosorb® P NAW 0,180—0,250 mm (60—80 mesh ASTM) calcined, not acid washed for gas chromatography	WG. 3819	100 g	71,—	60,35	56,80	53,25
39508	Chromosorb® P AW 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed for gas chromatography	WG. 3819	100 g	111,50	94,80	89,20	83,65
39509	Chromosorb® P AW 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed for gas chromatography	WG. 3819	100 g	107,—	90,95	85,60	80,25
39510	Chromosorb® P AW-DMCS 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed and treated with dimethyldichlorosilane for gas chromatography	WG. 3819	100 g	175,—	148,75	140,—	131,25
39511	Chromosorb® P AW-DMCS 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed and treated with dimethyl-dichlorosilane for gas chromatography	WG. 3819	100 g	171,—	145,35	136,80	128,25
39512	Chromosorb® W NAW 0,180—0,250 mm (60—80 mesh ASTM) calcined, not acid washed for gas chromatography	WG. 3819	100 g	93,—	79,05	74,40	69,75
39513	Chromosorb® W AW 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed for gas chromatography	WG. 3819	100 g	147,50	125,40	118,—	110,65
39514	Chromosorb® W AW 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed for gas chromatography	WG. 3819	100 g	131,—	111,35	104,80	98,25
39515	Chromosorb® W AW-DMCS 0,150—0,180 mm (80—100 mesh ASTM) calcined, acid washed and treated with dimethyl-dichlorosilane for gas chromatography	WG. 3819	100 g	180,—	153,—	144,—	135,—
39516	Chromosorb® W AW-DMCS 0,180—0,250 mm (60—80 mesh ASTM) calcined, acid washed and treated with dimethyl-dichlorosilane for gas chromatography	WG. 3819	100 g	164,—	139,40	131,20	123,—
39517	Chromosorb® W HP AW-DMCS 0,125—0,150 mm (100—120 mesh ASTM) calcined, acid washed and treated with dimethyl-dichlorosilane (High Performance grade) for gas chromatography	WG. 3819	50 g	169,—	143,65	135,20	126,75
39518	Chromosorb® T 0,250—0,420 mm (40—60 mesh ASTM) for gas chromatography	WG. 3819	100 g	159,—	135,15	127,20	119,25
39519	Chromosorb® T 0,250—0,600 mm (30—60 mesh ASTM) for gas chromatography	WG. 3819	100 g	98,50	83,75	78,80	73,90
39520	Chromosorb® 101 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	224,—	190,40	179,20	168,—
39521	Chromosorb® 101 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	224,—	190,40	179,20	168,—
39522	Chromosorb® 102 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	180,—	153,—	144,—	135,—
39523	Chromosorb® 102 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	164,—	139,40	131,20	123,—
39524	Chromosorb® 103 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	224,—	190,40	179,20	168,—
39525	Chromosorb® 103 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	224,—	190,40	179,20	168,—

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39526	Chromosorb® 104 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	262,—	222,70	209,60	196,—
39527	Chromosorb® 104 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	262,—	222,70	209,60	196,—
39528	Chromosorb® 105 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	262,—	222,70	209,60	196,—
39529	Chromosorb® 105 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	268,—	227,80	214,40	201,—
39530	Chromosorb® 106 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	278,—	236,30	222,40	208,—
39531	Chromosorb® 106 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	268,—	227,80	214,40	201,—
39532	Chromosorb® 107 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography	WG. 3819	50 g	278,—	236,30	222,40	208,—
39533	Chromosorb® 107 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography	WG. 3819	50 g	268,—	227,80	214,40	201,—
07404 A 8/1A C 8 2240 1	Chromosulphuric acid 2% CrO ₃ <i>Acide chromosulfurique / Acido cromosulfúrico</i> 1 L ≈ 1,77 kg	FL. FL. BA. BA. 3819	1 L 2,5 L 40 kg 5x	20,25 41,75 kg kg	17,20 34,65 4,40 4,10	16,20 32,55	15,— 31,—
33955	Chromotrope 2 R for microscopy (C. I. No. 16570) <i>Chromotrope 2 R / Cromotropo 2 R</i> C ₁₆ H ₁₀ N ₂ Na ₂ O ₈ S ₂ M = 468,37 g/mol	WG. 3205	25 g	38,25	32,50	30,60	28,—
33111	Chromotropic acid R. G., Reag. Ph. Eur. I <i>Acide chromotropique / Acido cromotrópico</i> (HO) ₂ C ₁₀ H ₄ (SO ₃ Na) ₂ · 2H ₂ O C ₁₀ H ₆ Na ₂ O ₈ S ₂ · 2H ₂ O M = 400,29 g/mol assay min. 98,5% insoluble in water max. 0,01% water (according to Karl Fischer) max. 9,5% sulphated ash 35—36% sulphate (SO ₄) max. 0,002% sensibility test with formaldehyde passes test	WG. 2907	25 g	16,—	13,60	12,80	12,—
Chrysazine see 1,8-Dihydroxyanthraquinone							
33172	Chrysoidine G for microscopy <i>Chrysoidine G / Crisoidina G</i> C ₆ H ₅ N = NC ₆ H ₃ (NH ₂) ₂ · HCl C ₁₂ H ₁₃ ClN ₄ M = 248,71 g/mol	WG. 3205	100 g	25,75	21,90	20,60	19,3,—
Chrysoin see Tropaeolin O							
iso-Cinchomeric acid see 2,5-Pyridinedicarboxylic acid							
63326	Cinchonidine PROSYNTH® <i>Cinchonidine / Cinconidina</i> C ₁₉ H ₂₂ N ₂ O M = 294,40 g/mol assay (UV) 99% melting range 204—206 °C spec. rotation ([α] _D ²⁰ ; c = 1 in C ₂ H ₅ OH) —107° ± 2° log ε ₃₁₅ (C ₂ H ₅ OH) 3,51	WG. 2942	25 g	20,75	17,65	16,60	15,55
15323 A 6.1/21 C 6.1 2811 3	Cinchonine pure cryst. <i>Cinchonine / Cinconina</i> C ₁₉ H ₂₂ N ₂ O M = 294,40 g/mol	PF. PF. 2942	25 g 100 g	20,50 70,—	17,45 59,50	16,40 56,—	15,40 52,50

3112	Cinchonine hydrochloride dihydrate R. G. <i>Cinchonine chlorhydrate dihydrate / Cinconina clorhidrato dihidrato</i> $C_{19}H_{23}ClN_2O \cdot 2H_2O$ $M = 366,89$ g/mol assay min. 98% specific rotation $[\alpha]_D^{20}$; $c = 1$ in HCl 0,1 mol/l] $+230^\circ \pm 5^\circ$ loss on drying 8–10% sulphated ash max. 0,002%  R: 20/21/22 S: 28 disposal: 7	WG. WG. 2942	10 g 25 g	13,50 23,50	11,50 20,—	10,80 18,80	10,15 17,65
	Cinchophen see 2-Phenylquinoline-4-carboxylic acid Cinnabar see Mercury(II) sulphide red						
63182	trans-Cinnamaldehyde PROSYNTH® <i>Aldéhyde trans-cinnamique / Aldehído trans-cinámico</i> $C_6H_5CH=CHCHO$ C_9H_8O $M = 132,16$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 98% boiling range (at 21 mbar) 125–127 °C refractive index (n_D^{20}) 1,622	FL. 2911	1 L	53,—	45,05	42,40	40,80
63185	Cinnamic acid PROSYNTH® <i>Acide cinnamique / Acido cinámico</i> $C_6H_5CH=CHCOOH$ $C_9H_8O_2$ $M = 148,16$ g/mol assay (alkalimetric) 99% melting range 132–134 °C	PF. 2914	250 g	24,—	20,40	19,20	18,—
63091 A 6.1/21 C 6.1 1935 1	Cinnamonnitrile PROSYNTH® <i>Cinnamonnitrile / Cinamonnitrilo</i> $C_6H_5CH=CHCN$ C_9H_7N $M = 129,16$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 97% boiling range (at 16 mbar) 128–130 °C refractive index (n_D^{20}) 1,601	FL. 2927	10 ml	21,50	18,30	17,20	16,15
60401 A 8/22 C 8 1760 2	Cinnamoyl chloride PROSYNTH® <i>Cinnamoyle chlorure / Cinamoilo cloruro</i> $C_6H_5CH=CHCOCl$ C_9H_7ClO $M = 166,61$ g/mol assay (ex Cl) 98% melting range 34–36 °C	WG. 2914	100 g	24,75	21,05	19,80	18,55
60425	N-Cinnamoyl-N-phenylhydroxylamine PROSYNTH® <i>N-Cinnamoyl-N-phénylhydroxylamine / N-Cinamoil-N-fenilhidroxilamina</i> $C_6H_5CH=CHCON(OH)C_6H_5$ $C_{15}H_{13}NO_2$ $M = 239,28$ g/mol	WG. 2929	25 g	95,50	81,20	76,40	71,65
63183	Cinnamyl alcohol PROSYNTH® <i>Alcool cinnamique / Alcohol cinámico</i> $C_6H_5CH=CHCH_2OH$ $C_9H_{10}O$ $M = 134,18$ g/mol assay (GC) 98% melting range 31–33 °C	PF. 2905	250 g	39,25	33,35	31,40	29,45
39323	Citraconic anhydride BIOSYNTH® <i>Anhydride citraconique / Anhidrido citracónico</i> $OCOC(CH_3)=CHCO$ $C_6H_4O_3$ $M = 112,08$ g/mol $1\text{ L} \approx 1,25$ kg	FL. 2915	25 ml	19,75	16,80	15,80	14,80

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60113	Citraconic anhydride PROSYNTH® <i>Anhydride citraconique / Anhidrido citracónico</i> $\text{OCOCH}=\text{C}(\text{CH}_3)\text{CO}$ $\text{C}_5\text{H}_4\text{O}_3$ $M=112,08$ g/mol $1\text{ L} \approx 1,25$ kg assay 99% boiling range 211–213 °C refractive index (n_D^{20}) 1,472	FL. 2915	100 ml	31,75	27,—	25,40	1
62363	Citral PROSYNTH® mixture of <i>cis</i>- and <i>trans</i>-isomers <i>Citral / Citral</i> $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCHO}$ $\text{C}_{10}\text{H}_{16}\text{O}$ $M=152,24$ g/mol $1\text{ L} \approx 0,89$ kg assay of <i>cis</i> - and <i>trans</i> -isomers (GC) 99% boiling range 227–229 °C refractive index (n_D^{20}) 1,488	FL. 2911	100 ml	29,25	24,85	23,40	2
27109	Citric acid chem. pure gritty Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Acide citrique / Acido cítrico</i> $\text{HOC}(\text{COOH})(\text{CH}_2\text{COOH})_2$ $\text{C}_6\text{H}_8\text{O}_7$ $M=192,13$ g/mol assay 99,8% water (acc. to Karl Fischer) 0,1% sulphated ash 0,02% arsenic (As) 0,0001% calcium (Ca) 0,01% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% chloride (Cl) 0,001% oxalate (C_2O_4) 0,005% sulphate (SO_4) 0,01% reaction to sulphuric acid passes test	PF. PF. S. FTP. 2916	1 kg 5 kg 50 kg 50 kg	20,50 83,— kg kg	17,45 68,90 8,10 8,50	16,40 64,75	1 6
27102	○ Citric acid monohydrate chem. pure gritty Ph. Eur. I, B. P.1973, Ph. Franç. IX <i>Acide citrique monohydrate / Acido cítrico monohidrato</i> $\text{HOC}(\text{COOH})(\text{CH}_2\text{COOH})_2 \cdot \text{H}_2\text{O}$ $\text{C}_6\text{H}_8\text{O}_7 \cdot \text{H}_2\text{O}$ $M=210,14$ g/mol assay 99% water (acc. to Karl Fischer) 7,5–9,0% sulphated ash 0,02% calcium (Ca) 0,01% iron (Fe) 0,001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,002% oxalate (C_2O_4) 0,005% sulphate (SO_4) 0,01% reaction to sulphuric acid passes test	PF. PF. S. FTP. 2916	1 kg 5 kg 50 kg 50 kg	18,75 77,50 kg kg	15,95 64,35 7,60 8,—	15,— 60,45	14 58
33114	Citric acid monohydrate R. G., buffer substance, Reag. ACS, Reag. Ph. Eur. I <i>Acide citrique monohydrate / Acido cítrico monohidrato</i> $\text{HOC}(\text{COOH})(\text{CH}_2\text{COOH})_2 \cdot \text{H}_2\text{O}$ $\text{C}_6\text{H}_8\text{O}_7 \cdot \text{H}_2\text{O}$ $M=210,14$ g/mol assay min. 99,5% insoluble in water max. 0,005% water (according to Karl Fischer) 7,5–9,0% sulphated ash max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,0003% heavy metals (as Pb) max. 0,0002% chloride (Cl) max. 0,0005% oxalate (C_2O_4) max. 0,005% phosphate (PO_4) max. 0,001% sulphate (SO_4) max. 0,002% tartrate ($\text{C}_4\text{H}_4\text{O}_6$) max. 0,2%	PF. PF. PF. 2916	500 g 1 kg 2,5 kg	16,75 27,75 60,—	14,25 23,60 49,80	13,40 22,20 46,80	12,9 21, 45,

7104 **Citric acid monohydrate** chem. pure powder Ph. Eur. I,
B. P. 1973, Ph. Franç. IX
Acide citrique monohydrate / Acido citrico monohidrato
 $\text{HOC}(\text{COOH})(\text{CH}_2\text{COOH})_2 \cdot \text{H}_2\text{O}$
 $\text{C}_6\text{H}_8\text{O}_7 \cdot \text{H}_2\text{O}$ $M = 210,14$ g/mol

assay 99%
water (acc. to Karl Fischer) 7,5—9,0%
sulphated ash 0,02%
calcium (Ca) 0,01%
iron (Fe) 0,001%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,002%
oxalate (C_2O_4) 0,005%
sulphate (SO_4) 0,01%
reaction to sulphuric acid passes test

Citric acid-ammonium iron(III) salt see
Ammonium iron(III) citrate

Citric acid-iron(III) salt see Iron(III) citrate

63582 **(±)-iso-Citric acid lactone** PROSYNTH®
Acide (±)-iso-citrique lactone / Acido (±)-iso-citrico lactona

$\text{CH}(\text{COOH})\text{CH}(\text{COOH})\text{CH}_2\text{COO}$
 $\text{C}_6\text{H}_6\text{O}_6$ $M = 174,11$ g/mol

assay 97%
melting range 157—160 °C

Citric acid-manganese salt see Manganese citrate

Citric acid-potassium salt see Potassium citrate

Citric acid-sodium salt see Sodium citrate and sodium
dihydrogen citrate

DL-iso-Citric acid trisodium salt-2-hydrate see *tri*-Sodium-
DL-iso-citrate dihydrate

39623 **Citroflex A 4** for gas chromatography
Citroflex A 4 / Citroflex A 4
working temperature to 170 °C

39008 **L(+)-Citrulline** BIOSYNTH®
L(+)-Citrulline / L(+)-Citrulina
 $\text{NH}_2\text{CONH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}$
 $\text{C}_6\text{H}_{13}\text{N}_3\text{O}_3$ $M = 175,19$ g/mol

assay (ex N) 99%
specific rotation ($[\alpha]_D^{20}$; c=1 in HCl 1 mol/l) $+22,5^\circ \pm 1^\circ$

Clark's soap solution see Soap solution according to Clark

Clayton yellow see Titan yellow

Clupein sulphate see Protamine sulphate

C-M-Outfit®

For the quick determination of moisture according to the
Carbide Method.
Descriptive literature on request.

12919 **Cobalt granulated**
Cobalt / Cobalto
Co $M = 58,93$ g/mol

assay 98,5%
iron (Fe) 0,8%
copper (Cu) 0,05%
nickel (Ni) 0,8%

PF. 1 kg 19,25 16,35 15,40 14,80
PF. 5 kg 79,50 66,— 62,— 59,65
S. 50 kg kg 7,85
FTP. 40 kg kg 8,25
2916


FL. 1 g 47,50 40,40 38,— 35,65
2935

FL. 50 g 42,75 36,35 34,20 32,05
2916

WG. 10 g 22,— 18,70 17,60 16,50
2925

PF. 100 g 57,50 48,90 46,— 43,15
PF. 1 kg 436,— 370,60 348,80 335,70
8104

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	
12930	Cobalt powder <i>Cobalt / Cobalto</i> Co $M = 58,93$ g/mol assay 98,5% iron (Fe) 0,02% copper (Cu) 0,002% nickel (Ni) 0,3%	PF. PF. 8104	100 g 1 kg	61,50 463,—	52,30 393,55	49,20 370,40	2 3
38607	0,100 g Cobalt FIXANAL® water-soluble standard for atom absorption <i>0,100 g Cobalt / 0,100 g Cobalto</i> ampoule	3819	1 pack	10,25	8,70	8,20	
38656 A 3/3 C 3.2 1115 2 +25 °C	0,100 g organo-Cobalt FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Cobalt / 0,100 g organo-Cobalto</i> ampoule R: 10	3819	1 pack	33,75	28,70	27,—	2 0
38870	10,00 g Cobalt FIXANAL® as Cobalt(II) sulphate <i>10,00 g Cobalt / 10,00 g Cobalto</i> ampoule	3819	1 pack	18,75	15,95	15,—	1 0
38563	1,00 g Cobalt FIXANAL® watersoluble standard for atom absorption <i>1,00 g Cobalt / 1,00 g Cobalto</i> ampoule	3819					
31314	Cobalt(II) acetate tetrahydrate R. G., Reag. Ph. Eur. I <i>Cobalt(II) acétate tétrahydrate / Cobalto(II) acetato tetrahidrato</i> Co(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ CoO ₄ · 4H ₂ O $M = 249,08$ g/mol assay min. 99% pH range (5%, 20 °C) 6—8 lead (Pb) max. 0,0005% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% potassium (K) max. 0,005% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,005% sodium (Na) max. 0,01% nickel (Ni) max. 0,02% zinc (Zn) max. 0,001% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,002%	PF. FTP. 2914	250 g 50 kg	88,50 price on request	75,25	70,80	6 0
12905	Cobalt(II) acetate tetrahydrate <i>Cobalt(II) acétate tetrahydrate / Cobalto(II) acetato tetrahidrato</i> Co(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ CoO ₄ · 4H ₂ O $M = 249,08$ g/mol assay 99% iron (Fe) 0,01% nickel (Ni) 0,3% chloride (Cl) 0,005% sulphate (SO ₄) 0,05%	PF. PF. S. 2914	500 g 1 kg 50 kg	76,50 140,50 price on request	65,05 119,45	61,20 112,40	58 108
62715	Cobalt(II) acetylacetonate PROSYNTH® <i>Cobalt(II) acétylacétonate / Cobalto(II) acetilacetonato</i> Co(C ₅ H ₇ O ₂) ₂ C ₁₀ H ₁₄ CoO ₄ $M = 257,15$ g/mol assay (ex Co) 99% melting range 176—178 °C	WG. 2945	100 g	51,—	43,35	40,80	38, 0
62716	Cobalt(III) acetylacetonate PROSYNTH® <i>Cobalt(III) acétylacétonate / Cobalto(III) acetilacetonato</i> Co(C ₅ H ₇ O ₂) ₃ C ₁₅ H ₂₁ CoO ₆ $M = 356,26$ g/mol assay (ex Co) 99% melting range 195—197 °C (disint.)	PF. 2945	100 g	71,—	60,35	56,80	53, 0

	Cobalt black see Cobalt(III) oxide						
	Cobalt carbonate basic see Cobalt(II) hydroxide carbonate						
65038 A 6.1/5 C 6.1 2811 2	Cobalt carbonyl PROSYNTH® <i>Cobalt carbonyle / Cobarlo carbonilo</i> $\text{Co}_2(\text{CO})_8$ $\text{C}_8\text{Co}_2\text{O}_8$ $M = 341,95$ g/mol assay (ex Co) 98%  R: 23/24/25 S: 44 disposal: 10	FL. 2858	5 g	34,25	29,10	27,40	25,70
31277 C 6.1 2811 3	Cobalt(II) chloride-6-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Cobalt(II) chlorure-6-hydrate / Cobarlo(II) cloruro-6-hidrato</i> $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 237,93$ g/mol assay min. 99% insoluble in water max. 0,01 % ammonium (NH_4) max. 0,005 % lead (Pb) max. 0,0005 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,005 % potassium (K) max. 0,005 % copper (Cu) max. 0,001 % Magnesium (Mg) max. 0,001 % manganese (Mn) max. 0,002 % sodium (Na) max. 0,01 % nitrate (NO_3) max. 0,01 % nickel (Ni) max. 0,05 % zinc (Zn) max. 0,002 % sulphate (SO_4) max. 0,005 %	PF. PF. PF. 2830	100 g 250 g 1 kg	38,50 81,— 274,—	32,75 68,85 232,90	30,80 64,80 219,20	28,90 60,75 211,—
12914 C 6.1 2811 3	Cobalt(II) chloride-6-hydrate chem. pure cryst. <i>Cobalt(II) chlorure-6-hydrate / Cobarlo(II) cloruro-6-hidrato</i> $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 237,93$ g/mol assay 99% lead (Pb) 0,002 % iron (Fe) 0,01 % nickel (Ni) 0,1 % zinc (Zn) 0,05 % substances not precipitated by ammonium sulphide (as sulphates) 0,3 % sulphate (SO_4) 0,01 %	PF. PF. 2830	100 g 1 kg	23,— 175,—	19,55 148,75	18,40 140,—	17,25 134,75
12916 C 6.1 2811 3	Cobalt(II) chloride-6-hydrate pure cryst. <i>Cobalt(II) chlorure-6-hydrate / Cobarlo(II) cloruro-6-hidrato</i> $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 237,93$ g/mol assay 98 % lead (Pb) 0,005 % iron (Fe) 0,005 % nickel (Ni) 0,2 % sulphate (SO_4) 0,05 %	PF. PF. S. 2830	250 g 1 kg 50 kg	47,— 156,— price on request	39,95 132,60	37,60 124,80	35,25 120,10
10402 C 6.1 2811 3	Cobalt(II) fluoride <i>Cobalt(II) fluorure / Cobarlo(II) fluoruro</i> CoF_2 $M = 96,93$ g/mol	PF. FTP. 2829	10 g 50 kg	23,50 price on request	20,—	18,80	17,65
10403 C 6.1 2811 3	Cobalt(III) fluoride <i>Cobalt(III) fluorure / Cobarlo(III) fluoruro</i> CoF_3 $M = 115,93$ g/mol assay 99%	PF. 2829	10 g	48,—	40,80	38,40	36,—
01257 C 6.1 2811 3	Cobalt(II) fluoride-4-hydrate <i>Cobalt(II) fluorure-4-hydrate / Cobarlo(II) fluoruro-4-hidrato</i> $\text{CoF}_2 \cdot 4\text{H}_2\text{O}$ $M = 168,99$ g/mol	PF. 2829	1 kg	price on request			

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	10x (10 Boxes)
12910	Cobalt(II) hydroxide carbonate chem. pure <i>Cobalt(II) hydroxyde carbonate / Cobalto(II) hidróxido-carbonato</i> assay of Co 46—48 % lead (Pb) 0,005 % iron (Fe) 0,01 % nickel (Ni) 0,5 % zinc (Zn) 0,05 % substances not precipitated by ammonium sulphide (as sulphates) 1,5 % chloride (Cl) 0,01 % sulphate (SO ₄) 0,05 %	PF. 2842	250 g	149,50	127,10	119,60	11,8
12911	Cobalt(II) hydroxide carbonate technical <i>Cobalt(II) hydroxyde carbonate / Cobalto(II) hidróxido-carbonato</i> assay of Co 44,5 % iron (Fe) 0,01 % nickel (Ni) 1 % chloride (Cl) 0,05 % sulphate (SO ₄) 0,5 %	PF. FTP. 2842	1 kg 50 kg	263,— price on request	223,55	210,40	202,—
31278 C 5.1 1477 2	Cobalt(II) nitrate-6-hydrate R. G., Reag. ACS <i>Cobalt(II) nitrate-6-hydrate / Cobalto(II) nitrato-6-hidrato</i> Co(NO ₃) ₂ · 6H ₂ O M = 291,03 g/mol assay min. 99 % insoluble in water max. 0,005 % ammonium (NH ₄) max. 0,1 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,001 % potassium (K) max. 0,05 % copper (Cu) max. 0,001 % magnesium (Mg) max. 0,005 % manganese (Mn) max. 0,005 % sodium (Na) max. 0,05 % nickel (Ni) max. 0,1 % zinc (Zn) max. 0,005 % chloride (Cl) max. 0,002 % sulphate (SO ₄) max. 0,005 %	PF. PF. PF. 2839	100 g 250 g 1 kg	28,25 59,— 198,—	24,— 50,15 168,30	22,60 47,20 158,40	21 44 152
31279 C 5.1 1477 2	Cobalt(II) nitrate-6-hydrate R. G., Reag. Ph. Eur. I (max. 0,001 % Ni) <i>Cobalt(II) nitrate-6-hydrate / Cobalto(II) nitrato-6-hidrato</i> Co(NO ₃) ₂ · 6H ₂ O M = 291,06 g/mol assay (chelometric) min. 99 % insoluble in water max. 0,01 % lead (Pb) max. 0,001 % iron (Fe) max. 0,001 % copper (Cu) max. 0,001 % manganese (Mn) max. 0,005 % nickel (Ni) max. 0,001 % zinc (Zn) max. 0,005 % substances not precipitated by ammonium sulphide (as sulphates) max. 0,2 % chloride (Cl) max. 0,005 % sulphate (SO ₄) max. 0,005 %	WG. 2839	100 g	46,25	39,30	37,—	34,7
12921 C 5.1 1477 2	Cobalt(II) nitrate-6-hydrate chem. pure cryst. <i>Cobalt(II) nitrate-6-hydrate / Cobalto(II) nitrato-6-hidrato</i> Co(NO ₃) ₂ · 6H ₂ O M = 291,03 g/mol assay 99 % lead (Pb) 0,002 % iron (Fe) 0,005 % nickel (Ni) 0,01 % zinc (Zn) 0,02 % substances not precipitated by ammonium sulphide (as sulphates) 0,5 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,01 %	PF. PF. 2839	100 g 1 kg	17,25 130,—	14,65 110,50	13,80 104,—	12,9 100,1

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
2922	Cobalt(II) nitrate-6-hydrate pure cryst. <i>Cobalt(II) nitrate-6-hydrate / Cobalto(II) nitrato-6-hidrato</i> $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ $M = 291,03 \text{ g/mol}$ assay 98% iron (Fe) 0,01% nickel (Ni) 0,1% chloride (Cl) 0,005% sulphate (SO_4) 0,01%	PF. PF. PF. FTP. 2839	250 g 1 kg 2,5 kg 50 kg	34,25 113,50 245,— price on request	29,10 96,50 203,35	27,40 90,80 191,10	25,70 87,40 183,75
31280	Cobalt(III) oxide R. G. (for the determination of sulphur) <i>Cobalt(III) oxyde / Cobalto(III) óxido</i> assay of Co min. 71% lead (Pb) max. 0,001% iron (Fe) max. 0,01% total sulphur (S) max. 0,001%	WG. WG. FTP. 2824	25 g 100 g 25 kg	23,— 77,50 price on request	19,55 65,90	18,40 62,—	17,25 58,15
12926	Cobalt(III) oxide black <i>Cobalt(III) oxyde / Cobalto(III) óxido</i> Co_2O_3 $M = 165,86 \text{ g/mol}$	PF. BLT. 2824	1 kg 50 kg	290,— price on request	246,50	232,—	223,30
Cobalt(III) sodium nitrite see Sodium hexanitrocobaltate(III)							
12941	Cobalt(II) sulphamate solution <i>Cobalt(II) sulfamate en solution / Cobalto(II) sulfamato en solución</i> $\text{Co}(\text{SO}_3\text{NH}_2)_2$ $M = 251,11 \text{ g/mol}$ 1 L \approx 1,50 kg assay of Co 11,5—11,6% density (D_4^{20}) 1,50—1,53 pH (1+5) 3—4 lead (Pb) 0,005% cadmium (Cd) 0,0005% iron (Fe) 0,001% copper (Cu) 0,0005% manganese (Mn) 0,005% sodium (Na) 0,005% nickel (Ni) 0,03% zinc (Zn) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,2%	PF. STP. 2848	2,5 L 45 kg	price on request price on request			
31315	Cobalt(II) sulphate-7-hydrate R. G. <i>Cobalt(II) sulfate-7-hydrate / Cobalto(II) sulfato-7-hidrato</i> $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 281,10 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% lead (Pb) max. 0,001% calcium (Ca) max. 0,01% iron (Fe) max. 0,001% potassium (K) max. 0,005% copper (Cu) max. 0,001% magnesium (Mg) max. 0,01% sodium (Na) max. 0,01% nickel (Ni) max. 0,1% zinc (Zn) max. 0,002% chloride (Cl) max. 0,001% total nitrogen (N) max. 0,002%	PF. 2838	250 g	65,—	55,25	52,—	48,75
12932	Cobalt(II) sulphate-7-hydrate chem. pure cryst. <i>Cobalt(II) sulfate-7-hydrate / Cobalto(II) sulfato-7-hidrato</i> $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 281,10 \text{ g/mol}$ assay 99% lead (Pb) 0,002% iron (Fe) 0,005% nickel (Ni) 0,1% zinc (Zn) 0,01% substances not precipitated by ammonium sulphide (as sulphates) 0,5% chloride (Cl) 0,005%	PF. PF. 2838	100 g 500 g	22,75 93,—	19,35 79,05	18,20 74,40	17,05 71,60

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

(1 Box)

(4 Boxes)

(12 Boxes)

12933 Cobalt(II) sulphate-7-hydrate pure cryst.
C 6.1 2811 3 Cobalt(II) sulfate-7-hydrate / Cobalto(II) sulfato-7-hidrato
 $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 281,10 \text{ g/mol}$

assay 99%
lead (Pb) 0,005%
iron (Fe) 0,005%
nickel (Ni) 0,1%
zinc (Zn) 0,002%
chloride (Cl) 0,05%

Cocarboxylase tetrahydrate see Thiaminium pyrophosphoric acid

39325 Coenzyme B₁₂ BIOSYNTH®
Coenzyme B₁₂ / Coenzima B₁₂

package of 250 mg

$\text{C}_{72}\text{H}_{100}\text{CoN}_{18}\text{O}_{17}\text{P}$ $M = 1579,60 \text{ g/mol}$
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

64371 Colaminphosphoric acid PROSYNTH®
Acide colaminephosphorique / Acido colaminofosfórico

$\text{NH}_2\text{CH}_2\text{CH}_2\text{OPO}_3\text{H}_2$

$\text{C}_2\text{H}_8\text{NO}_4\text{P}$ $M = 141,06 \text{ g/mol}$

assay 99%
melting range 237–240 °C

39112 Collagen BIOSYNTH®
Collagène / Colágeno

$M = \text{abt. } 130\,000 \text{ g/mol}$
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

33338 sym.-Collidine R. G.
A 3/4 sym.-Collidine / sim.-Colidina

C 3.3 1993 2 $\text{N} = \text{C}(\text{CH}_3)\text{CH} = \text{C}(\text{CH}_3)\text{CH} = \text{CCH}_3$

+57 °C $\text{C}_8\text{H}_{11}\text{N}$ $M = 121,18 \text{ g/mol}$ 1 L ≈ 0,91 kg

assay (GC) min. 99%
boiling range 169–171 °C
density (D_4^{20}) 0,914–0,916
refractive index (n_D^{20}) 1,4980–1,5000
water (according to Karl Fischer) max. 0,1%
sulphated ash max. 0,005%
heavy metals (as Pb) 0,0005%
iron (Fe) max. 0,0001%

24304 Collodion 6%
A 3/1B Collodion / Colodión

C 3.2 2059 2 1 L ≈ 0,80 kg

-18 °C



R: 11 S: 9-16-33
disposal: 6

24303 Collodion 4%, DAB 6
A 3/1B Collodion / Colodión

C 3.2 2059 2 1 L ≈ 0,75 kg

-18 °C



R: 11 S: 9-16-33
disposal: 6

24306 Collodion flexible DAB 6
A 3/1B Collodion / Colodión

C 3.2 2059 2 1 L ≈ 0,78 kg

-18 °C



R: 11 S: 9-16-33
disposal: 6

Colophony see Resin

Colouring dyes see Photographic dyes

PF. 500 g 57,— 48,45 45,60
PF. 5 kg 441,— 366,05 344,— 3
S. 50 kg price on request
2838

2938 1 pack 75,— 63,75 60,—

WG. 5 g 11,— 9,35 8,80
2923



WG. 1 g 18,50 15,75 14,80 12
3904

FL. 100 ml 34,— 28,90 27,20 25
FL. 1 L 257,— 218,45 205,60 197
2935

FL. 1 L 25,75 21,90 20,60 19
EKS. 45 kg price on request
ZKS. 45 kg price on request
3903

FL. 500 ml 12,— 10,20 9,60 9
FL. 1 L 22,— 18,70 17,60 16
EKS. 45 kg kg 11,50
ZKS. 45 kg price on request
3903

FL. 1 L 44,50 37,85 35,60 34,2
EKS. 45 kg price on request
3903

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
<i>iso-Compounds</i> see also under the name of the radical							
Congo paper see Indicator and reagent papers							
32651	Congo red indicator (C. I. No. 22120, S. No. 360) <i>Rouge Congo / Rojo Congo</i> <chem>C32H24N6O6S2</chem> $M = 652,71$ g/mol	WG. WG. 3205	100 g 1 kg	13,75 80,—	11,70 68,—	11,— 64,—	10,30 61,60
63327	DL-Coniine hydrobromide PROSYNTH® <i>DL-Coniine bromhydrate / DL-Coniina bromhidrato</i> <chem>NH(CH2)4CHCH2CH2CH3 · HBr</chem> <chem>C8H18BrN</chem> $M = 208,14$ g/mol assay (ex Br) 95% melting range 189–191 °C  R: 23/24/25 S: 1-13-45 disposal: 10	FL. 2942	1 g	99,—	84,15	79,20	74,25
36023	Cooper's indicator (mixed) for the determination of the hardness of carbonates and carbonic acid in water <i>Indicateur combiné d'après Cooper / Indicador combinado según Cooper</i> 1 L ≈ 0,80 kg  R: 11 S: 7-16 disposal: 6	PF. PF. 3819	250 ml 1 L	19,— 55,50	16,15 47,20	15,20 44,40	14,25 42,75
74202	Copaiba balsam "Riedel" <i>Baume de copahu "Riedel" / Bálsamo copaiba "Riedel"</i>	EKL. 3304	30 kg	price on request			
31284	Copper R. G. , electrolytic, wire, Reag. Ph. Eur. I <i>Cuivre / Cobre</i> <chem>Cu</chem> $M = 63,55$ g/mol assay min. 99,9% insoluble in nitric acid max. 0,02% antimony and tin (as Sn) max. 0,01% arsenic (As) max. 0,0005% lead (Pb) max. 0,005% iron (Fe) max. 0,005% manganese (Mn) max. 0,001% silver (Ag) max. 0,001% phosphorus (P) max. 0,001%	PF. PF. PF. 7403	100 g 250 g 1 kg	16,75 38,25 126,—	14,25 32,50 107,10	13,40 30,60 100,80	12,55 28,70 97,—
12816	Copper foil 0,1 mm <i>Cuivre / Cobre</i> <chem>Cu</chem> $M = 63,54$ g/mol assay 99,8%	P. P. 7405	250 g 1 kg	16,— 47,50	13,60 40,40	12,80 38,—	12,— 36,60
12809	Copper granular <i>Cuivre / Cobre</i> <chem>Cu</chem> $M = 63,55$ g/mol assay 99,8% granulation 0,2–0,6 mm	PF. PF. PF. 7406	250 g 1 kg 2,5 kg	15,50 45,— 99,—	13,20 38,25 82,15	12,40 36,— 77,20	11,65 34,65 74,25
12804	Copper turnings <i>Cuivre / Cobre</i> <chem>Cu</chem> $M = 63,55$ g/mol assay 99,8% lead (Pb) 0,005% iron (Fe) 0,005% nickel (Ni) 0,005% silver (Ag) 0,005%	K. K. 7401	250 g 1 kg	13,75 39,—	11,70 33,15	11,— 31,20	10,30 30,05
12823	Copper slabs <i>Cuivre / Cobre</i> <chem>Cu</chem> $M = 63,55$ g/mol	PF. FTP. 7401	1 kg 100 kg	38,75 price on request	32,95	31,—	29,85


Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes)

12806	Copper powder <i>Cuivre / Cobre</i> Cu M = 63,55 g/mol assay 99,8% granulation abt. 0,04 mm	BL. BL. BL. FTP. 7406	250 g 1 kg 2,5 kg 50 kg kg	13,75 40,25 87,50 14,—	11,70 34,20 72,65 14,—	11,— 32,20 68,25
12807	Copper finest powder <i>Cuivre / Cobre</i> Cu M = 63,55 g/mol assay 99% soluble in ether 0,5%	BL. BL. BL. 7406	250 g 1 kg 2,5 kg	18,50 54,— 119,—	15,75 45,90 98,75	14,80 43,20 92,80
38608	0,100 g Copper FIXANAL® water-soluble standard for atom absorption <i>0,100 g Cuivre / 0,100 g Cobre</i> ampoule	3819	1 pack	10,25	8,70	8,20
38657 A 3/3 C 3.3 1115 2 +25°C	0,100 g organo-Copper FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Cuivre / 0,100 g organo-Cobre</i> ampoule R: 10	3819	1 pack	33,75	28,70	27,—
38564	1,00 g Copper FIXANAL® watersoluble standard for atom absorption <i>1,00 g Cuivre / 1,00 g Cobre</i> ampoule	3819	1 pack	10,25	8,70	8,20
38875	10,00 g Copper FIXANAL® as Copper(II) chloride <i>10,00 g Cuivre / 10,00 g Cobre</i> ampoule	3819	1 pack	18,75	15,95	15,—
38880	10,00 g Copper FIXANAL® as Copper(II) sulphate <i>10,00 g Cuivre / 10,00 g Cobre</i> ampoule	3819	1 pack	18,75	15,95	15,—
12811	Copper acetate basic purified powder <i>Cuivre acétate basique / Cobre acetato básico</i>	2914				
32315	Copper(II) acetate monohydrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Cuivre(II) acétate monohydrate / Cobre(II) acetato monohidrato</i> Cu(CH ₃ COO) ₂ · H ₂ O C ₄ H ₆ CuO ₄ · H ₂ O M = 199,65 g/mol assay min. 99% in diluted acetic acid insoluble max. 0,01% lead (Pb) max. 0,004% calcium (Ca) max. 0,005% iron (Fe) max. 0,002% potassium (K) max. 0,01% magnesium (Mg) max. 0,001% sodium (Na) max. 0,01% nickel (Ni) max. 0,002% zinc (Zn) max. 0,002% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,01% total nitrogen (N) max. 0,03%	PF. PF. PF. FTP. 2914	100 g 250 g 1 kg 50 kg	10,— 19,75 58,50 price on request	8,50 16,80 49,75	8,— 15,80 46,80
25038	Copper(II) acetate monohydrate pure cryst. Erg. B. 6 <i>Cuivre(II) acétate monohydrate / Cobre(II) acetato monohidrato</i> Cu(CH ₃ COO) ₂ · H ₂ O C ₄ H ₆ CuO ₄ · H ₂ O M = 199,65 g/mol assay of Cu 31% lead (Pb) 0,002% iron (Fe) 0,005% zinc (Zn) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,5%	PF. PF. S. S. 2914	500 g 1 kg 50 kg 5x kg	16,75 30,25 11,25 10,85	14,25 25,70	13,40 24,20 12 23

Index-Number MD/ADR GGV/EGGVE MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
Copper acetate basic see Copper(II) acetate monohydrate							
2720	Copper(II) acetylacetonate PROSYNTH® <i>Cuivre(II) acétylacétonate / Cobre(II) acetilacetato</i> $\text{Cu}(\text{C}_5\text{H}_7\text{O}_2)_2$ $\text{C}_{10}\text{H}_{14}\text{CuO}_4$ $M = 261,76 \text{ g/mol}$ assay (ex Cu) 99% melting range 243—245 °C (disint.)	PF. 2945	50 g	11,—	9,35	8,80	8,25
2886	Copper(II) aminoacetate <i>Cuivre(II) aminoacétate / Cobre(II) aminoacetato</i> $\text{Cu}(\text{H}_2\text{N} \cdot \text{CH}_2\text{COO})_2 \cdot \text{H}_2\text{O}$ $\text{C}_4\text{H}_9\text{CuN}_2\text{O}_4 \cdot \text{H}_2\text{O}$ $M = 229,67 \text{ g/mol}$	PF. FTP. 2923	1 kg 25 kg	122,50 price on request	104,15	98,—	94,35
Copper(II) ammonium chloride see Ammonium chlorocuprate(II)							
Copper(II) borofluoride solution see Copper(II) fluoroborate solution							
02116	Copper(I) bromide <i>Cuivre(I) bromure / Cobre(I) bromuro</i> CuBr $M = 143,45 \text{ g/mol}$ assay 99% insoluble in hydrochloric acid 0,02% arsenic (As) 0,005% iron (Fe) 0,05% substances not precipitated by hydrogen sulphide (as sulphates) 0,3% sulphate (SO_4) 0,5%	WG. WG. FT. 2830	100 g 1 kg 50 kg	10,25 72,50 price on request	8,70 61,65	8,20 58,—	7,70 55,85
02115	Copper(II) bromide <i>Cuivre(II) bromure / Cobre(II) bromuro</i> CuBr_2 $M = 223,35 \text{ g/mol}$ assay 99% arsenic (As) 0,005% iron (Fe) 0,05% substances not precipitated by hydrogen sulphide (as sulphates) 0,3% sulphate (SO_4) 0,5%	WG. WG. WG. FT. 2830	100 g 500 g 1 kg 50 kg	12,50 50,50 93,— price on request	10,65 42,95 79,05	10,— 40,40 74,40	9,40 38,90 71,60
Copper(II) carbonate basic see Copper(II) hydroxide carbonate							
64146	RCH Copper catalyst VP 60/35 pellets 60 wt. % Cu/silicon dioxide, not reduced <i>Catalyseur RCH cuivre VP 60/35 / Catalizador de cobre RCH VP 60/35</i> assay of Cu 60% standard size 6 x 5 mm pour weight 0,9 g/ml	WG. WG. 3819	100 g 500 g	19,75 72,—	16,80 61,20	15,80 57,60	14,80 55,45
31287	Copper(I) chloride R. G., Reag. ACS, Reag. Ph. Eur. I <i>Cuivre(I) chlorure / Cobre(I) cloruro</i> CuCl $M = 99,00 \text{ g/mol}$ assay min. 98% insoluble in hydrochloric acid/nitric acid max. 0,02% arsenic (As) max. 0,0001% lead (Pb) max. 0,02% iron (Fe) max. 0,002% substances not precipitated by hydrogen sulphide (as sulphates) max. 0,2% sulphate (SO_4) max. 0,04%	PF. PF. PF. FTP. 2830	100 g 250 g 1 kg 50 kg	11,— 22,— 66,50 kg 36,—	9,35 18,70 56,55	8,80 17,60 53,20	8,25 16,50 51,20
12822	Copper(I) chloride pure <i>Cuivre(I) chlorure / Cobre(I) cloruro</i> CuCl $M = 99,00 \text{ g/mol}$ assay 99% iron (Fe) 0,01% substances not precipitated by hydrogen sulphide (as sulphates) 0,2% sulphate (SO_4) 0,01%	PF. FTP. 2830	1 kg 50 kg	48,— price on request	40,80	38,40	36,95

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96 (16 Boxes)
36060	Copper(I) chloride solution for absorption of carbon oxide according to Orsat <i>Cuivre(I) chlorure en solution / Cobre(I) cloruro en solución</i> 1 L ≈ 1,14 kg	FL. FL. 3819	1 L 2,5 L	20,50 44,—	17,45 36,50	16,40 34,30	15, 33,
31286	Copper(II) chloride-2-hydrate R. G. <i>Cuivre(II) chlorure-2-hydrate / Cobre(II) cloruro-2-hidrato</i> <chem>CuCl2 · 2H2O</chem> M = 170,48 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 3,0—3,8 arsenic (As) max. 0,0001% lead (Pb) max. 0,004% calcium (Ca) max. 0,002% iron (Fe) max. 0,002% potassium (K) max. 0,002% magnesium (Mg) max. 0,002% sodium (Na) max. 0,002% nickel (Ni) max. 0,005% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,004%	PF. PF. PF. FTP. 2830	100 g 500 g 1 kg 50 kg	9,50 29,50 54,— kg	8,10 25,10 45,90 28,75	7,60 23,60 43,20	7, 22, 41,6
12825	Copper(II) chloride-2-hydrate chem. pure <i>Cuivre(II) chlorure-2-hydrate / Cobre(II) cloruro-2-hidrato</i> <chem>CuCl2 · 2H2O</chem> M = 170,48 g/mol assay 99% arsenic (As) 0,0005% calcium (Ca) 0,01% iron (Fe) 0,005% potassium (K) 0,01 magnesium (Mg) 0,01% sodium (Na) 0,01% sulphate (SO ₄) 0,01% total nitrogen (N) 0,01%	PF. PF. PF. FTP. 2830	500 g 1 kg 5 kg 50 kg	20,75 38,— 143,50 price on request	17,65 32,30 119,10	16,60 30,40 111,95	16,— 29,2 107,6
12827	Copper(II) chloride-2-hydrate technical <i>Cuivre(II) chlorure-2-hydrate / Cobre(II) cloruro-2-hidrato</i> <chem>CuCl2 · 2H2O</chem> M = 170,48 g/mol assay 97% iron (Fe) 0,03% sulphate (SO ₄) 0,1%	PF. PF. S. 2830	1 kg 5 kg 50 kg	23,— 86,50 price on request	19,55 71,80	18,40 67,45	17,7 64,9
11818 A 6.1/31A C 6.1 1587 2	Copper(I) cyanide <i>Cuivre(I) cyanure / Cobre(I) cianuro</i> <chem>CuCN</chem> M = 89,56 g/mol  R: 26/27/28-32 S: 1/2-7-28-29-45 disposal: 22	PF. 2843	250 g	12,50	10,65	10,—	9,4
04254	Copper diphosphate for electroplating <i>Cuivre diphosphate / Cobre difosfato</i> <chem>Cu2P2O7 · 3H2O</chem> M = 355,08 g/mol assay of copper (Cu) 34—36% loss on ignition (800 °C, 1 h) 15—19% lead (Pb) 0,005% calcium (Ca) 0,02% iron (Fe) 0,01% sodium (Na) 2% chloride (Cl) 0,01% phosphate (PO ₄) 2% sulphate (SO ₄) 0,2%	S. 2840	25 kg	price on request			
10404 C 6.1 2811 3	Copper(II) fluoride <i>Cuivre(II) fluorure / Cobre(II) fluoruro</i> <chem>CuF2</chem> M = 101,54 g/mol	WG. 2829	10 g	34,25	29,10	27,40	25,70

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
547	Copper(II) fluoroborate solution 50% for electroplating <i>Cuivre(II) fluoroborate en solution / Cobre(II) fluoroborato en solución</i> $\text{Cu}(\text{BF}_4)_2$ $M = 237,15 \text{ g/mol}$ $1 \text{ L} \approx 1,58 \text{ kg}$ assay of Cu 13,3—13,6% free fluoroboric acid (HBF_4) 1—3% free boric acid (H_3BO_3) 1—2% lead (Pb) 0,002% iron (Fe) 0,002% cobalt (Co) 0,0005% nickel (Ni) 0,0005% zinc (Zn) 0,001% chloride (Cl) 0,002% sulphate (SO_4) 0,03%	PF. FPF. 2829	1 L 45 kg	26,25 price on request	22,30	21,—	20,20
548	Copper(II) fluoroborate solution 50% special for electroplating <i>Cuivre(II) fluoroborate en solution / Cobre(II) fluoroborato en solución</i> $\text{Cu}(\text{BF}_4)_2$ $M = 237,15 \text{ g/mol}$ $1 \text{ L} \approx 1,58 \text{ kg}$ assay of Cu 13,3—13,6% free fluoroboric acid (HBF_4) 1—3% free boric acid (H_3BO_3) 1—2% lead (Pb) 0,05% iron (Fe) 0,002% cobalt (Co) 0,0005% nickel (Ni) 0,0005% zinc (Zn) 0,001% chloride (Cl) 0,002% chloride (Cl) 0,002% sulphate (SO_4) 0,002% Copper glycol see Copper(II) aminoacetate	PF. FPF. 2829	1 L 45 kg	31,25 price on request	26,55	25,—	24,05
2830	Copper(II) hydroxide carbonate green chem. pure <i>Cuivre(II) hydroxyde carbonate / Cobre(II) hidróxido-carbonato</i> $\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 \cdot \text{ca.}0,5\text{H}_2\text{O}$ $M = (\text{anhydrous})$ 221,12 g/mol assay of Cu 54—56% lead (Pb) 0,005% iron (Fe) 0,01% sodium (Na) 0,2% nickel (Ni) 0,1% zinc (Zn) 0,005% chloride (Cl) 0,01% sulphate (SO_4) 0,02%	PF. PF. PF. FTP. 2842	250 g 1 kg 2,5 kg 50 kg	14,50 41,75 91,50 price on request	12,35 35,50 75,95	11,60 33,40 71,35	10,90 32,15 68,65
2831	Copper(II) hydroxide carbonate green technical <i>Cuivre(II) hydroxyde carbonate / Cobre(II) hidróxido-carbonato</i> $\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 \cdot \text{ca.}0,5\text{H}_2\text{O}$ $M = (\text{anhydrous})$ 221,12 g/mol assay of Cu 54—56% iron (Fe) 0,03% chloride (Cl) 0,3% sulphate (SO_4) 0,05%	PF. PF. S. 2842	1 kg 2,5 kg 50 kg	30,— 64,50 price on request	25,50 53,55	24,— 50,30	23,10 48,40
22016	Copper-8-hydroxyquinoline <i>Cuivre-8-hydroxyquinoléine / Cobre-8-hidroxiquinolina</i> $\text{Cu}(\text{OC}_9\text{H}_6\text{N})_2$ $\text{C}_{18}\text{H}_{12}\text{CuN}_2\text{O}_2$ $M = 351,85 \text{ g/mol}$ assay 99,5% loss on drying (105 °C) 0,5%	WG. 2935	500 g	55,50	47,20	44,40	42,75
03140	Copper(I) iodide pure <i>Cuivre(I) iodure / Cobre(I) yoduro</i> CuI $M = 190,45 \text{ g/mol}$ assay 99,5% iron (Fe) 0,005% sulphate (SO_4) 0,5%	WG. WG. FTP. 2830	100 g 1 kg 25 kg	19,50 146,50 price on request	16,60 124,55	15,60 117,20	14,65 112,80

Code-Number
A) RID/ADR
B) GGVE/GGVs
C) IMDG-CODE (GGVSee)



Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (12 Boxes)

03126	Copper(I) iodide technical <i>Cuivre(I) iodure / Cobre(I) yoduro</i> CuJ M = 190,45 g/mol	WG. FTP. 2830	1 kg 50 kg	129,50 price on request	110,10	103,60	9
03141	Copper(I) iodide feed grade <i>Cuivre(I) iodure / Cobre(I) yoduro</i> CuJ M = 190,45 g/mol assay of copper (Cu) 32,7 % assay of iodine (I) 66,1 % arsenic (As) 0,0005 % lead (Pb) 0,005 % chromium (Cr) 0,003 %	WG. FTP. 2830	1 kg 50 kg	84,50 price on request	71,85	67,60	6
31288 C 5.1 1477 2	Copper(II) nitrate-3-hydrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Cuivre(II) nitrate-3-hydrate / Cobre(II) nitrato-3-hidrato</i> Cu(NO ₃) ₂ · 3H ₂ O M = 241,60 g/mol assay 99—102 % insoluble in water max. 0,01 % pH (5 %, 20 °C) 3,5—4,5 lead (Pb) max. 0,001 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,002 % potassium (K) max. 0,01 % magnesium (Mg) max. 0,001 % sodium (Na) max. 0,01 % nickel (Ni) max. 0,002 % zinc (Zn) max. 0,001 % chloride (Cl) max. 0,001 % sulphate (SO ₄) max. 0,005 %	PF. PF. FTP. 2839	250 g 1 kg 50 kg	12,— 36,25 kg 18,25	10,20	9,60	9 27
12839 C 5.1 1477 2	Copper(II) nitrate-3-hydrate chem. pure <i>Cuivre(II) nitrate-3-hydrate / Cobre(II) nitrato-3-hidrato</i> Cu(NO ₃) ₂ · 3H ₂ O M = 241,60 g/mol assay 99 % pH (5 %, 20 °C) 3,0—4,5 lead (Pb) 0,01 % calcium (Ca) 0,01 % iron (Fe) 0,005 % sodium (Na) 0,01 % chloride (Cl) 0,002 % sulphate (SO ₄) 0,005 %	PF. PF. PF. FTP. 2839	500 g 1 kg 2,5 kg 25 kg	13,25 23,75 51,— price on request	11,25	10,60	10 18 38
12837 C 5.1 1477 2	Copper(II) nitrate-3-hydrate pure <i>Cuivre(II) nitrate-3-hydrate / Cobre(II) nitrato-3-hidrato</i> Cu(NO ₃) ₂ · 3H ₂ O M = 241,60 g/mol assay 99 % iron (Fe) 0,01 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,01 %	PF. PF. PF. S. 2839	500 g 1 kg 2,5 kg 50 kg	12,— 22,25 47,— price on request	10,20	9,60	9 17 35
31291	Copper oxide R. G. wire, containing CuO and Cu₂O <i>Cuivre oxyde / Cobre óxido</i> assay of Cu ₂ O ca. 80 % assay of CuO ca. 20 % free alkali passes test carbon (C) max. 0,01 % substances not precipitated by hydrogen sulphide (as sulphates) max. 0,2 % chloride (Cl) max. 0,004 % total sulphur (as SO ₄) max. 0,01 % total nitrogen (N) max. 0,005 %	PF. PF. 2828	250 g 1 kg	20,25 65,—	17,20	16,20	15, 50,
12844	Copper oxide pure wire <i>Cuivre oxyde / Cobre óxido</i>	PF. PF. 2828	250 g 1 kg	19,75 62,50	16,80	15,80	14,8 48,1
12841	Copper(I) oxide red <i>Cuivre(I) oxyde / Cobre(I) óxido</i> Cu ₂ O M = 143,09 g/mol assay of Cu 87,5 % lead (Pb) 0,005 % iron (Fe) 0,005 % nickel (Ni) 0,005 % silver (Ag) 0,005 %	PF. PF. S. BLT. 2828	500 g 5 kg 50 kg 100 kg	23,50 181,— price on request price on request	20,—	18,80	18,1 135,7

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
292	Copper(II) oxide R. G. powder <i>Cuivre(II) oxyde / Cobre(II) óxido</i> CuO $M = 79,55$ g/mol assay min. 99% insoluble in hydrochloric acid max. 0,02% free alkali passes test lead (Pb) max. 0,05% iron (Fe) max. 0,05% substances not precipitated by hydrogen sulphide (as sulphates) max. 0,2% chloride (Cl) max. 0,005% total sulphur (as SO ₄) max. 0,01% total nitrogen (N) max. 0,002%	WG. WG. WG. 2828	100 g 250 g 1 kg	16,50 31,25 102,50	14,05 26,55 87,15	13,20 25,— 82,—	12,40 23,45 78,95
31289	Copper(II) oxide R. G. granular <i>Cuivre(II) oxyde / Cobre(II) óxido</i> CuO $M = 79,55$ g/mol assay min. 99% insoluble in hydrochloric acid max. 0,02% free alkali passes test lead (Pb) max. 0,05% iron (Fe) max. 0,05% substances not precipitated by hydrogen sulphide (as sulphates) max. 0,2% chloride (Cl) max. 0,005% total sulphur (as SO ₄) max. 0,01% total nitrogen (N) max. 0,02%	PF. PF. 2828	250 g 1 kg	31,25 102,50	26,55 87,15	25,— 82,—	23,45 78,95
12845	Copper(II) oxide pure powder <i>Cuivre(II) oxyde / Cobre(II) óxido</i> CuO $M = 79,55$ g/mol assay 98% lead (Pb) 0,01% iron (Fe) 0,03% chloride (Cl) 0,2% sulphate (SO ₄) 0,05%	PF. PF. FTP. 2828	250 g 1 kg 50 kg	23,— 77,— price on request	19,55 65,45	18,40 61,60	17,25 59,30
12867	Copper(II) oxide technical powder heavy <i>Cuivre(II) oxyde / Cobre(II) óxido</i> CuO $M = 79,55$ g/mol assay 98%	PF. PF. 2828	1 kg 2,5 kg	37,25 79,50	31,65 66,—	29,80 62,—	28,70 59,65
31293	Copper(II) sulphate-5-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O $M = 249,69$ g/mol assay min. 99% insoluble in water max. 0,005% lead (Pb) max. 0,002% calcium (Ca) max. 0,001% iron (Fe) max. 0,002% potassium (K) max. 0,001% magnesium (Mg) max. 0,0005% sodium (Na) max. 0,002% nickel (Ni) max. 0,002% zinc (Zn) max. 0,001% chloride (Cl) max. 0,001% total nitrogen (N) max. 0,001%	PF. PF. FTP. 2838	500 g 1 kg 50 kg	15,50 28,— kg 13,40	13,20 23,80	12,40 22,40	11,95 21,55
31294	Copper(II) sulphate R. G. anhydrous <i>Cuivre(II) sulfate / Cobre(II) sulfato</i> CuSO ₄ $M = 159,61$ g/mol assay min. 98% insoluble in water max. 0,02% iron (Fe) max. 0,005% nickel (Ni) max. 0,005% substances not precipitated by hydrogen sulphide (as sulphates) max. 0,2% chloride (Cl) max. 0,01% total nitrogen (N) max. 0,01%	PF. PF. 2838	250 g 1 kg	18,— 57,50	15,30 48,90	14,40 46,—	13,50 44,30
12852	Copper(II) sulphate anhydrous <i>Cuivre(II) sulfate / Cobre(II) sulfato</i> CuSO ₄ $M = 159,61$ g/mol assay 97% iron (Fe) 0,3% chloride (Cl) 0,1%	PF. PF. S. 2838	250 g 1 kg 50 kg	13,25 34,75 price on request	11,25 29,55	10,60 27,80	9,95 26,75

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)
17853	Copper(II) sulphate-5-hydrate PURANAL® <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,69 g/mol analytical data on request	PF. FTP. 2838	5 kg 50 kg	price on request price on request			
12849	Copper(II) sulphate-5-hydrate chem. pure cryst. B. P. C. 1973, N. F. XIV <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,69 g/mol assay 99,5% pH (5%, 20 °C) 3,7—5,0 arsenic (As) 0,0005% lead (Pb) 0,002% iron (Fe) 0,01% nickel (Ni) 0,01% zinc (Zn) 0,005% substances not precipitated by hydrogen sulphide (as sulphates) 0,2% chloride (Cl) 0,002%	PF. PF. PF. S. 2838	500 g 1 kg 5 kg 50 kg	11,— 19,75 77,— price on request	9,35 16,80 63,90	8,80 15,80 60,05	8 15 57
12850	Copper(II) sulphate-5-hydrate chem. pure powder <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,69 g/mol assay 99—101% arsenic (As) 0,005% iron (Fe) 0,01% substances not precipitated by hydrogen sulphide (as sulphates) 0,2% chloride (Cl) 0,002%	PF. PF. S. 2838	1 kg 5 kg 50 kg	21,— 80,50 price on request	17,85 66,80	16,80 62,80	16, 60,
12853	Copper(II) sulphate-5-hydrate crude cryst. DAB 6 <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,69 g/mol assay 99% lead (Pb) 0,005% iron (Fe) 0,1% zinc (Zn) 0,01%	PF. PF. S. 2838	1 kg 5 kg 50 kg	12,75 47,— price on request	10,85 39,—	10,20 36,65	9,8 35,2
12855	Copper(II) sulphate-5-hydrate crude powder <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,69 g/mol	PF. PF. S. 2838	1 kg 5 kg 50 kg	13,75 51,— price on request	11,70 42,35	11,— 39,80	10,6 38,2
12887	Copper(II) sulphate-5-hydrate for electroplating <i>Cuivre(II) sulfate-5-hydrate / Cobre(II) sulfato-5-hidrato</i> CuSO ₄ · 5H ₂ O M = 249,68 g/mol assay 98% adhering moisture 2% lead (Pb) 0,002% calcium (Ca) 0,0005% iron (Fe) 0,002% cobalt (Co) 0,0005% sodium (Na) 0,002% nickel (Ni) 0,0005% zinc (Zn) 0,0005% chloride (Cl) 0,002%	S. 2838	50 kg	price on request			
12896	Copper(II) sulphate solution 13% for electroplating <i>Cuivre(II) sulfate en solution / Cobre(II) sulfato en solución</i> CuSO ₄ M = 159,61 g/mol 1 L ≈ 1,14 kg assay of CuSO ₄ 13,0—13,2% free acid (H ₂ SO ₄) 0,1% lead (Pb) 0,002% calcium (Ca) 0,0005% iron (Fe) 0,0005% cobalt (Co) 0,0005% sodium (Na) 0,0005% nickel (Ni) 0,001% zinc (Zn) 0,0005% chloride (Cl) 0,0005%	PF. FPF. 2838	1 L 65 kg	14,50 price on request	12,35	11,60	11,15

	Copper(II) sulphate solution according to Fehling see Fehling's solution								
	Cork acid see Suberic acid								
	Cork acid diethylester see Diethyl suberate								
	COTAL® chemicals for vacuum deposition (formerly described as "chemically pure for coating lenses" = Barium fluoride Calcium fluoride Cryolite Lead fluoride Lithium fluoride Magnesium fluoride Zinc sulphide								
	Cream of tartar see Potassium hydrogen tartrate								
15704	Creatine monohydrate chem. pure <i>Créatine monohydratée / Creatina monohidrato</i> $\text{HN}=\text{C}(\text{NH}_2)\text{N}(\text{CH}_3)\text{CH}_2\text{COOH}[\cdot]\text{H}_2\text{O}$ $\text{C}_4\text{H}_9\text{N}_3\text{O}_2 \cdot \text{H}_2\text{O} \quad M=149,15 \text{ g/mol}$	WG. 2926	50 g	29,50	25,10	23,60	22,15		
39265	Creatinephosphoric acid disodium salt hexahydrate BIOSYNTH® <i>Acide créatinephosphorique, sel disodique hexahydrate /</i> <i>Acido creatinfosfórico, sal disódica hexahidrato</i> $\text{C}_4\text{H}_8\text{N}_3\text{Na}_2\text{O}_5\text{P} \cdot 6\text{H}_2\text{O} \quad M=363,17 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2926	1 g	28,75	24,45	23,—	21,55		
15705	Creatinine chem. pure <i>Créatinine / Creatinina</i> $\text{H}_3\text{CNC}(=\text{NH})\text{NHCOCH}_2$ $\text{C}_4\text{H}_7\text{N}_3\text{O} \quad M=113,12 \text{ g/mol}$	WG. 2935	25 g	21,50	18,30	17,20	16,15		
15722	Creatinine hydrochloride chem. pure <i>Créatinine chlorhydrate / Creatinina clorhidrato</i> $\text{H}_3\text{CNC}(=\text{NH})\text{NHCOCH}_2 \cdot \text{HCl}$ $\text{C}_4\text{H}_8\text{ClN}_3\text{O} \quad M=149,58 \text{ g/mol}$	WG. 2935	10 g	14,25	12,10	11,40	10,70		
15712	Creosote from beechwood DAB 6 <i>Créosote / Creosota</i> +74°C 1 L ≈ 1,08 kg congealing point less than -20 °C boiling range 200—220 °C density (D_4^{20}) 1,080—1,090 sulphated ash 0,01 %	FL. FL. STP. 3809	500 ml 1 L 30 kg	36,— 63,50 price on request	30,60 54,—	28,80 50,80	27,70 48,90		
15707	Cresol crude DAB 6 <i>Crésol / Cresol</i> A 8.1/22A C 6.1 2076 2 1 L ≈ 1,03 kg	FL. STP. 2707	1 L 30 kg	20,— kg 11,30	17,— 11,30	16,—	15,40		
	 R: 24/25-34 S: 2-28-44 disposal: 6								
15708	o-Cresol chem. pure, Reag. Ph. Eur. I <i>o-Crésol / o-Cresol</i> A 6.1/22A C 6.1 2076 2 +81°C $\text{C}_6\text{H}_4(\text{OH})\text{CH}_3$ $\text{C}_7\text{H}_8\text{O} \quad M=108,14 \text{ g/mol}$ 1 L ≈ 1,04 kg assay (GC) 98,5% congealing range 30,5—31 °C boiling range 189—191 °C non-volatile matter 0,05%	FL. STP. 2906	1 L 25 kg	19,75 kg 9,30	16,80 9,30	15,80	15,20		
	 R: 24/25-34 S: 2-28-44 disposal: 6								

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x






6x



24x




(1 Box)






(4 Boxes)



(16 Boxes)


33340	m-Cresol R. G.	FL.	500 ml	35,50	30,20	28,40	2
A 6.1/22A	m-Crésol / m-Cresol	2906					
C 6.1 2076 2	C ₆ H ₄ (OH)CH ₃						
+86 °C	C ₇ H ₈ O M = 108,14 g/mol						
	1 L ≈ 1,03 kg						
	assay (GC) min. 99,5%						
	congealing point + 11 °C						
	boiling range 200—203 °C						
	non-volatile matter max. 0,05%						
	 R: 24/25-34 S: 2-28-44						
	disposal: 6						
15709	m-Cresol chem. pure	FL.	1 L	62,—	52,70	49,60	47
A 6.1/22A	m-Crésol / m-Cresol	STP.	25 kg	kg	25,—		
C 6.1 2076 2	C ₆ H ₄ (OH)CH ₃	2906					
+86 °C	C ₇ H ₈ O M = 108,14 g/mol						
	1 L ≈ 1,03 kg						
	assay (GC) 99,5%						
	congealing point 11 °C						
	boiling range 200—203 °C						
	non-volatile matter 0,05%						
	 R: 24/25-34 S: 2-28-44						
	disposal: 6						
15711	p-Cresol chem. pure cryst.	FL.	500 g	18,50	15,75	14,80	14
A 6.1/22A	p-Crésol / p-Cresol	2906					
C 6.1 2076 2	C ₆ H ₄ (OH)CH ₃						
+86 °C	C ₇ H ₈ O M = 108,14 g/mol						
	1 L ≈ 1,03 kg						
	assay (GC) 99,5%						
	congealing range 34—35 °C						
	boiling range 199—201 °C						
	non-volatile matter 0,05%						
	 R: 24/25-34 S: 2-28-44						
	disposal: 6						
33342	o-Cresolphthalein indicator	WG.	5 g	26,75	22,75	21,40	20
	o-Crésolphtaléine / o-Cresolftaleína	2935					
	C ₂₂ H ₁₈ O ₄ M = 346,38 g/mol						
32652	m-Cresol purple indicator	FL.	1 g	11,50	9,80	9,20	8
	Pourpre de m-crésol / Púrpura de m-cresol	2937					
	C ₂₁ H ₁₈ O ₅ S M = 382,44 g/mol						
32653	Cresol red indicator	WG.	10 g	12,50	10,65	10,—	9,4
	Rouge de crésol / Rojo de cresol	WG.	25 g	27,25	23,15	21,80	20,4
		2937					
07407	Cresolsulphonic acid 80% crude	FL.	1 L	25,75	21,90	20,60	19,8
A 8	Acide crésolsulfurique / Acido cresolsulfúrico	STP.	40 kg	kg	11,65		
C 8 1760 2		3813					
	1 L ≈ 1,37 kg						
	assay of cresolsulphonic acid abt. 80%						
	assay of free sulphuric acid abt. 5%						
	 R: 20/21/22-38 S: 1-13						
	disposal: 1						
07408	Cresolsulphonic acid 60% crude	FL.	1 L	22,50	19,15	18,—	17,3
A 8	Acide crésolsulfurique / Acido cresolsulfúrico	STP.	35 kg	kg	10,45		
C 8 1760 2		3813					
	1 L ≈ 1,24 kg						
	assay of cresolsulphonic acid abt. 60%						
	assay of free sulphuric acid abt. 5%						
	 R: 20/21/22-38 S: 1-13						
	disposal: 1						
	o-Cresolsulphonphthalein see Cresol red						
	m-Cresolsulphonphthalein see m-Cresol purple						
	o-Cresolsulphonphthalein-bis-(methylimino diacetic acid)						
	tetrasodium salt see Xylenol orange, tetrasodium salt						
	Cresolsulphuric acid see Cresolsulphonic acid						

Code-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
5798	3-Cresoxyacetic acid <i>Acide 3-crésoxyacétique / Acido 3-cresoxiacético</i> $C_9H_{10}O_3$ $M = 166,18$ g/mol	WG. 3813	25 g	price on request			
Cresyl blue see Brilliant cresyl blue							
62364	Crotonaldehyde PROSYNTH® <i>Aldéhyde crotonique / Aldehído crotonico</i> $CH_3CH=CHCHO$ C_4H_6O $M = 70,09$ g/mol $1 L \approx 0,85$ kg assay (GC) 99% boiling range 103–105 °C refractive index (n_D^{20}) 1,437	FL. 2911	500 ml	12,—	10,20	9,60	9,25
3/1A							
3.2 1143 1							
-13 °C							
	  R: 11-23-36/37/38 S: 29-33-44 disposal: 14						
62365	Crotonic acid PROSYNTH® <i>Acide crotonique / Acido crotonico</i> $CH_3CH=CHCOOH$ $C_4H_6O_2$ $M = 86,09$ g/mol assay (alkalimetric) 99% melting range 70–72 °C	PF. 2914	1 kg	30,75	26,15	24,60	23,70
62369	Crotonitrile PROSYNTH® mixture of cis- and trans-isomers <i>Crotonitrile / Crotonitrilo</i> $CH_3CH=CHCN$ C_4H_5N $M = 67,09$ g/mol $1 L \approx 0,82$ kg assay (GC) 99%	ALU. 2927	100 ml	20,50	17,45	16,40	15,40
A 6.1/2A							
C 3.2 1992 2							
+16 °C							
62367	Crotonoyl chloride PROSYNTH® <i>Crotonoyle chlorure / Crotonoilo cloruro</i> $CH_3CH=CHCOCl$ C_4H_5ClO $M = 104,54$ g/mol $1 L \approx 1,09$ kg assay 98% boiling range 122–124 °C refractive index (n_D^{20}) 1,460	FL. 2914	100 ml	59,—	50,15	47,20	44,25
A 8/22							
C 8 1760 2							
62370	Crotyl alcohol mixture of cis and trans isomers PROSYNTH® <i>Alcool crotylique / Alcohol crotilico</i> $CH_3CH=CHCH_2OH$ C_4H_8O $M = 72,11$ g/mol $1 L \approx 0,85$ kg assay (GC) 97% boiling range 120–122 °C refractive index (n_D^{20}) 1,427 R: 10 disposal: 6	FL. 2904	100 ml	26,25	22,30	21,—	19,70
A 3/3							
C 3.3 1987 2							
+34 °C							
Crotyl chloride see 1-Chloro-2-butene							
65134	12-Crown-4 PROSYNTH® <i>12-Couronne-4 / 12-Corona-4</i> $C_8H_{16}O_4$ $M = 176,21$ g/mol $1 L \approx 1,11$ kg assay (GC) 98% boiling range (at 0,1 mbar) 68–70 °C refractive index (n_D^{20}) 1,462	FL. 2908	1 g	13,75	11,70	11,—	10,30
A 6.1/22							
C 6.1 2811 2							
65135	15-Crown-5 PROSYNTH® <i>15-Couronne-5 / 15-Corona-5</i> $C_{10}H_{20}O_5$ $M = 220,27$ g/mol $1 L \approx 1,11$ kg assay (GC) 98% boiling range (at 0,7 mbar) 93–96 °C refractive index (n_D^{20}) 1,465	FL. 2908	1 g	16,—	13,60	12,80	12,—
A 6.1/22							
C 6.1 2811 2							
64345	18-Crown-6 PROSYNTH® <i>18-Couronne-6 / 18-Corona-6</i> $C_{12}H_{24}O_6$ $M = 264,32$ g/mol assay (GC) 98% melting range 37–39 °C	FL. 2908	1 g	17,25	14,65	13,80	12,95
A 6.1/22							
C 6.1 2811 2							

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01714	Cryolite COTAL® powder (Sodium hexafluoroaluminate) <i>Cryolithe / Criolita</i> <chem>Na3AlF6</chem> M = 209,94 g/mol	PF. FTP. 2829	100 g 25 kg	54,— price on request	45,90	43,20
01713	Cryolite synthetic (Sodium hexafluoroaluminate) <i>Cryolithe / Criolita</i> <chem>Na3AlF6</chem> M = 209,94 g/mol assay 98,5% loss on drying (105 °C) 0,2% iron (Fe) 0,05% silicic acid (SiO ₂) 0,2%	PF. S. 2829	2,5 kg 50 kg	28,25 price on request	23,45	22,05
32675	Crystal violet indicator and for microscopy (C. I. No. 42555, S. No. 785) <i>Violet cristallisé / Violeta cristal</i> <chem>C25H30ClN3</chem> M = 407,99 g/mol	WG. WG. 3205	25 g 100 g	10,50 22,25	8,95 18,90	8,40 17,80
28390	Crystal violet U. S. P. XIX (C. I. No. 42555, S. No. 785) <i>Violet cristallisé / Violeta cristal</i> <chem>C25H30ClN3</chem> M = 407,99 g/mol	WG. WG. 3205	250 g 1 kg	60,— 201,—	51,— 170,85	48,— 160,80
62371	Cumene PROSYNTH® <i>Cumène / Cumeno</i> <chem>C6H5CH(CH3)2</chem> <chem>C9H12</chem> M = 120,19 g/mol 1 L ≈ 0,86 kg assay (GC) 99% boiling range 152—154 °C refractive index (n _D ²⁰) 1,492	FL. 2901	1 L	15,75	13,40	12,60
62372	Cumene hydroperoxide PROSYNTH® <i>Cumène hydroperoxyde / Cumeno hidroperóxido</i> <chem>C6H5C(CH3)2OOH</chem> <chem>C9H12O2</chem> M = 152,19 g/mol 1 L ≈ 1,03 kg assay (ex active O) 80% refractive index (n _D ²⁰) 1,519	FL. 2908	500 ml	47,—	39,95	37,60
<div>  R: 10-37 disposal: 6 </div>						
<div>   R: 11-35 S: 3-7/9-14-27-37/39 disposal: 16 </div>						
Cuminaldehyde see 4-Propylbenzaldehyde						
Cuminaldehyde see 4-iso-Propylbenzaldehyde						
33344	Cupferron R. G. <i>Cupferron / Kupferrón</i> <chem>C6H5N(NO)ONH4</chem> <chem>C6H9N3O2</chem> M = 155,16 g/mol insoluble in water max. 0,02% sulphated ash max. 0,05% suitability for determination of metals passes test keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. WG. 2929	25 g 100 g	21,75 65,—	18,50 55,25	17,40 52,—
Cuprizone see Oxalic acid-bis-(cyclohexylidene hydrazide)						
33188	Cuproin R. G. <i>Cuproïne / Cuproína</i> <chem>CH=CHC6H4N=CC=NC6H4CH=CH</chem> <chem>C18H12N2</chem> M = 256,31 g/mol assay min. 99% melting range 192—194 °C sulfated ash max. 0,05% copper (Cu) max. 0,0002%	FL. WG. 2935	1 g 5 g	18,75 81,50	15,95 69,30	15,— 65,20
Cupron see α-Benzoinoxime						

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3189	Curcumin R. G. <i>Curcumine / Curcumina</i> $\text{CH}_2[\text{COCH}=\text{CHC}_6\text{H}_3(\text{OH})\text{OCH}_3]_2$ $\text{C}_{21}\text{H}_{20}\text{O}_6$ $M=368,39$ g/mol	WG. 3204	10 g	37,75	32,10	30,20	28,30
60324 A 8/32 C 8 1760 2	Cyanamide solution 50% PROSYNTH® <i>Cyanamide en solution / Cianamida en solución</i> NH_2CN CH_2N_2 $M=42,04$ g/mol $1\text{ L} \approx 1,06$ kg assay 50% keep in refrigerator à sticker dans le frigidaire almacenaje en la nevera  R: 23/24/25-38 S: 7/9-13-44 disposal: 22	FL. 2858	1 L	16,50	14,05	13,20	12,70
62373 A 6.1/21 C 6.1 2811 2	Cyanoacetamide PROSYNTH® <i>Cyanacétamide / Cianacetamida</i> $\text{NCCH}_2\text{CONH}_2$ $\text{C}_3\text{H}_4\text{N}_2\text{O}$ $M=84,08$ g/mol assay (ex N) 99% melting range 119–121 °C  R: 20/21/22 S: 28 disposal: 15	PF. 2927	250 g	30,75	26,15	24,60	23,05
27206 A 6.1/21A C 6.1 2811 2	Cyanoacetic acid <i>Acide cyanacétique / Acido cianacético</i> $(\text{CN})\text{CH}_2\text{COOH}$ $\text{C}_3\text{H}_3\text{NO}_2$ $M=85,06$ g/mol assay 99% melting range 66–70 °C loss on drying (on sulphuric acid) 1%  R: 10-35 S: 2-23-26 disposal: 22	WG. WG. 2927	500 g 1 kg	58,50 106,50	49,75 90,55	46,80 85,20	45,05 82,—
64577 A 6.1/21 C 6.1 1694 1	4-Cyanobenzoic acid PROSYNTH® <i>Acide 4-cyanobenzoïque / Acido 4-cianobenzóico</i> $\text{NCC}_6\text{H}_4\text{COOH}$ $\text{C}_8\text{H}_5\text{NO}_2$ $M=147,13$ g/mol assay (alkalimetric) 98% melting range 219–221 °C Cyanocobaltamine see Vitamine B₁₂	WG. 2927	10 g	39,25	33,35	31,40	29,45
62374 A 6.1/71 C 6.1 1564 3	2-Cyanoethyl phosphoric acid barium salt dihydrate PROSYNTH® <i>Acide 2-cyanoéthylphosphorique sel de baryum dihydraté / Acido 2-cianoetilfosfórico sal de bario dihidrato</i> $\text{NCCH}_2\text{CH}_2\text{OPO}_3\text{Ba} \cdot 2\text{H}_2\text{O}$ $\text{C}_3\text{H}_4\text{BaNO}_4\text{P} \cdot 2\text{H}_2\text{O}$ $M=322,40$ g/mol assay (ex Ba, on anhydrous substance) 99%  R: 20/22 S: 28 disposal: 15	WG. 2927	10 g	90,—	76,50	72,—	67,50
39624 A 6.1/21A C 6.1 2810 2	Cyanoethyl sucrose for gas chromatography <i>Cyanoéthyle sucrose / Cianoetilo sucrosa</i> working temperature to 125 °C	WG. 2927	25 g	21,50	18,30	17,20	16,15
39306 A 6.1/31A C 6.1 1889 1	Cyanogen bromide BIOSYNTH® <i>Cyanogène bromure / Cianógeno bromuro</i> BrCN CBrN $M=105,92$ g/mol  R: 23/24/25 S: 44 disposal: 22	FL. 2843	100 g	68,—	57,80	54,40	51,—

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63928	Cyanogen bromide PROSYNTH® A 6.1/31A <i>Cyanogène bromure / Cianógeno bromuro</i> C 6.1 1889 1 BrCN CBrN M = 105,92 g/mol assay (iodometric) 97% melting range 50–52 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25 S: 44 disposal: 22	FL. 2927	100 g	93,—	79,05	74,40	61,80
60325	1-Cyanoguanidine PROSYNTH® A 6.1/21 <i>1-Cyanoguanidine / 1-Cianoguanidina</i> C 6.1 2811 2 HNC(NH ₂)NHCN C ₂ H ₄ N ₄ M = 84,08 g/mol assay 99% melting range 210–212 °C	PF. 2926	1 kg	19,75	16,80	15,80	15,80
64586	2-Cyano-4-nitroaniline PROSYNTH® A 6.1/21A <i>2-Cyano-4-nitroaniline / 2-Ciano-4-nitroanilina</i> C 6.1 2811 1 NO ₂ C ₆ H ₃ (CN)NH ₂ C ₇ H ₅ N ₃ O ₂ M = 163,14 g/mol assay (HPLC) 97% melting range 207–210 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2927	100 g	54,—	45,90	43,20	40,80
61043	1-Cyano-2,2,3,3-tetrafluorocyclobutane PROSYNTH® A 6.1/23 <i>1-Cyano-2-2-3-3-tétrafluorocyclobutane / 1-Ciano-2,2,3,3-tetrafluorociclobutano</i> C 6.1 2810 2 <u>CH₂CF₂CF₂CHCN</u> C ₆ H ₃ F ₄ N M = 153,08 g/mol 1 L ≈ 1,41 kg assay 98%	FL. 2927	25 ml	63,—	53,55	50,40	47,80
62377	Cyanuric acid PROSYNTH® A 6.1/21 <i>Acide cyanurique / Acido cianúrico</i> C 6.1 2811 2 HO ₂ C=NC(OH)=NC(OH)=N C ₃ H ₃ N ₃ O ₃ M = 129,08 g/mol assay (ex N) 99%	PF. 2935	250 g	16,75	14,25	13,40	12,90
62376	Cyanuric chloride PROSYNTH® A 6.1/61 <i>Cyanuryle chlorure / Cianuro cloruro</i> C 8 2870 3 <u>ClC=NCCl=NCCl=N</u> C ₃ Cl ₃ N ₃ M = 184,41 g/mol assay (ex N) 99% melting range 145–147 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	500 g	24,—	20,40	19,20	18,50
64441	Cyclobutanoic acid PROSYNTH® <i>Acide cyclobutanecarboxylique / Acido ciclobutanocarboxílico</i> <u>CH₂CH₂CH₂CHCOOH</u> C ₅ H ₈ O ₂ M = 100,12 g/mol 1 L ≈ 1,06 kg assay (GC) 98% boiling range 192–194 °C refractive index (n _D ²⁰) 1,444	FL. 2914	25 ml	124,50	105,85	99,60	93,40
63334	Cyclododecane PROSYNTH® A 3/4 <i>Cyclododécane / Ciclododecano</i> + 89 °C <u>CH₂(CH₂)₁₀CH₂</u> C ₁₂ H ₂₄ M = 168,32 g/mol 1 L ≈ 0,86 kg assay (GC) 99% melting range 58–61 °C	FL. 2901	250 ml	19,75	16,80	15,80	14,80

de-Number ID/ADR GVE/GGVs MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
444	Cyclododecanone PROSYNTH® <i>Cyclododécanone / Ciclododecanona</i> $\text{CH}_2(\text{CH}_2)_{10}\text{CO}$ $\text{C}_{12}\text{H}_{22}\text{O}$ $M = 182,31$ g/mol assay (GC) 99% melting range 59–61 °C	WG. 2913	250 g	33,25	28,25	26,60	24,95
2378 3/4 86 °C	cis,trans,trans-1,5,9-Cyclododecatriene PROSYNTH® <i>cis-trans-trans-Cyclododécatriène-1-5-9 / cis,trans,trans-1,5,9-Ciclododecatrieno</i> $\text{CH} = \text{CHCH}_2(\text{CH}_2\text{CH} = \text{CHCH}_2)_2\text{CH}_2$ $\text{C}_{12}\text{H}_{18}$ $M = 162,27$ g/mol $1 \text{ L} \approx 0,89 \text{ kg}$ assay (GC) 98% boiling range 236–238 °C refractive index (n_D^{20}) 1,508	FL. 2901	250 ml	23,—	19,55	18,40	17,25
3335	1,5,9-Cyclododecatriene monoxide PROSYNTH® <i>Cyclododécatriène monoxyde-1-5-9 / 1,5,9-Ciclododecatrieno monóxido</i> $\text{C}_{12}\text{H}_{18}\text{O}$ $M = 178,27$ g/mol $1 \text{ L} \approx 0,98 \text{ kg}$ assay (GC) 99% boiling range (at 13 mbar) 124–126 °C refractive index (n_D^{20}) 1,506	FL. 2909	100 ml	35,50	30,20	28,40	26,65
3977 3/4 90 °C	Cyclododecene mixture of cis and trans isomers PROSYNTH® <i>Cyclododécène / Ciclododeceno</i> $\text{CH}_2(\text{CH}_2)_9\text{CH} = \text{CH}$ $\text{C}_{12}\text{H}_{22}$ $M = 166,31$ g/mol $1 \text{ L} \approx 0,87 \text{ kg}$ assay (GC) 95% refractive index (n_D^{20}) 1,484	FL. 2901	100 ml	25,25	21,45	20,20	18,95
52379 A 3/3 C 3.2 2241 2 + 21 °C	Cycloheptane PROSYNTH® <i>Cycloheptane / Cicloheptano</i> $\text{CH}_2(\text{CH}_2)_5\text{CH}_2$ C_7H_{14} $M = 98,19$ g/mol $1 \text{ L} \approx 0,81 \text{ kg}$ assay (GC) 97% boiling range 116–118 °C refractive index (n_D^{20}) 1,444  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	35,—	29,75	28,—	26,25
62380 A 3/4 C 3.3 1987 2 + 60 °C	Cycloheptanol PROSYNTH® <i>Cycloheptanol / Cicloheptanol</i> $\text{CH}_2(\text{CH}_2)_5\text{CHOH}$ $\text{C}_7\text{H}_{14}\text{O}$ $M = 114,19$ g/mol $1 \text{ L} \approx 0,95 \text{ kg}$ assay (GC) 98% boiling range (at 15 mbar) 78–81 °C refractive index (n_D^{20}) 1,478	FL. 2905	100 ml	69,50	59,10	55,60	52,15
62381 A 3/4 + 57 °C	Cycloheptanone PROSYNTH® <i>Cycloheptanone / Cicloheptanona</i> $\text{CH}_2(\text{CH}_2)_5\text{CO}$ $\text{C}_7\text{H}_{12}\text{O}$ $M = 112,17$ g/mol $1 \text{ L} \approx 0,95 \text{ kg}$ assay (GC) 97% boiling range 178–180 °C refractive index (n_D^{20}) 1,461	FL. 2913	100 ml	77,50	65,90	62,—	58,15

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 9
package DM (1 Box) (4 Boxes) (16 Boxes)

62382 1,3,5-Cycloheptatriene PROSYNTH®
A 3/1A Cycloheptatriène-1-3-5 / 1,3,5-Cicloheptatrieno
C 3.2 2603 2 $\text{CH}_2(\text{CH}=\text{CH})_2\text{CH}=\text{CH}$
+ -0 °C C_7H_8 $M=92,14$ g/mol 1 L ≈ 0,89 kg
assay (GC) 95%
boiling range 115–117 °C
refractive index (n_D^{20}) 1,522
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 11 S: 9-16-33
disposal: 6

FL.
2901

250 ml 62,50 53,15 50,— 4

62383 Cycloheptene PROSYNTH®
A 3/3 Cycloheptène / Ciclohepteno
C 3.2 2242 2 $\text{CH}_2(\text{CH}_2)_4\text{CH}=\text{CH}$
+ 22 °C C_7H_{12} $M=96,17$ g/mol 1 L ≈ 0,82 kg
assay (GC) 95%
boiling range 113–115 °C
refractive index (n_D^{20}) 1,458

FL.
2901

100 ml 38,25 32,50 30,60 28

62384 Cycloheptylamine PROSYNTH®
A 8/35 Cycloheptylamine / Cicloheptilamina
C 3.3 1993 2 $\text{CH}_2(\text{CH}_2)_5\text{CHNH}_2$
+ 47 °C $\text{C}_7\text{H}_{15}\text{N}$ $M=113,21$ g/mol 1 L ≈ 0,89 kg
assay (GC) 97%
boiling range (at 15 mbar) 52–54 °C
refractive index (n_D^{20}) 1,472
R: 10 disposal: 19

FL.
2922

50 ml 76,— 64,60 60,80 57

Cycloheptyl bromide see Bromocycloheptane

62385 1,3-Cyclohexadiene PROSYNTH®
A 3/1A Cyclohexadiène-1-3 / 1,3-Ciclohexadieno
C 3.2 1993 2 $\text{CH}=\text{CHCH}=\text{CHCH}_2\text{CH}_2$
- 8 °C C_6H_8 $M=80,13$ g/mol 1 L ≈ 0,84 kg
assay (GC) 98%
boiling range 79–81 °C
refractive index (n_D^{20}) 1,475
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 11 S: 9-16-33
disposal: 6

FL.
2901

25 ml 116,— 98,60 92,80 87





62386 1,4-Cyclohexadiene PROSYNTH®
A 3/1A Cyclohexadiène-1-4 / 1,4-Ciclohexadieno
C 3.2 1993 2 $\text{CH}=\text{CHCH}_2\text{CH}=\text{CHCH}_2$
- 10 °C C_6H_8 $M=80,13$ g/mol 1 L ≈ 0,85 kg
assay (GC) 98%
boiling range 83–85 °C
refractive index (n_D^{20}) 1,473



R: 11 S: 9-16-33
disposal: 6

FL.
2901

25 ml 155,— 131,75 124,— 116,2

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3117	Cyclohexane R. G.	FL.	1 L	28,25	24,—	22,05	20,90
3/1A	Cyclohexane / Ciclohexano	FL.	2,5 L	59,50	49,40	46,40	44,65
3.1 1145 2	CH ₂ (CH ₂) ₄ CH ₂	EKL.	20 kg	kg	15,—		
8 °C	C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg	2901					
assay (GC) min. 99,5%							
congealing range +5,5 to +6,5 °C							
boiling range 79—81 °C							
density (D ₄ ²⁰) 0,778—0,779							
refractive index (n _D ²⁰) 1,4250—1,4280							
non-volatile matter max. 0,001 %							
water (according to Karl Fischer) max. 0,01 %							
free acid (as HCl) max. 0,001 %							
aluminium (Al) max. 0,00005 %							
barium (Ba) max. 0,00001 %							
lead (Pb) max. 0,00001 %							
boron (B) max. 0,000002 %							
cadmium (Cd) max. 0,000005 %							
calcium (Ca) max. 0,00005 %							
chromium (Cr) max. 0,000002 %							
iron (Fe) max. 0,00001 %							
cobalt (Co) max. 0,000002 %							
copper (Cu) max. 0,000002 %							
magnesium (Mg) max. 0,00001 %							
manganese (Mn) max. 0,000002 %							
nickel (Ni) max. 0,000002 %							
zinc (Zn) max. 0,00001 %							
tin (Sn) max. 0,00001 %							
reaction to sulphuric acid passes test							
aromatic substances (as C ₆ H ₆) max. 0,05 %							
 R: 11 S: 9-16-33 disposal: 6							
30838	Cyclohexane min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36,95
A 3/1A	Cyclohexane / Ciclohexano	2901					
C 3.1 1145 2	CH ₂ (CH ₂) ₄ CH ₂						
-18 °C	C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg						
 R: 11 S: 9-16-33 disposal: 6							
34855	Cyclohexane CHROMASOLV® for chromatography (UV-detection)	FL.	1 L	43,75	37,20	35,—	33,70
A 3/1A	Cyclohexane / Ciclohexano	2901					
C 3.1 1145 2	CH ₂ (CH ₂) ₄ CH ₂						
-18 °C	C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg						
assay (GC) min. 99,7%							
non-volatile matter max. 0,0005 %							
water (according to Karl Fischer) max. 0,01 %							
transmittance (1 cm cell; reference water)							
transmittance/wavelength (nm):							
min. 20 %/220, min. 50 %/230,							
min. 80 %/235, min. 98 %/from 255							
 R: 11 S: 9-16-33 disposal: 6							
34911	Cyclohexane SPECTRANAL®, Reag. Ph. Eur. I	FL.	1 L	49,50	42,10	39,60	38,10
A 3/1A	Cyclohexane / Ciclohexano	FL.	2,5 L	108,50	90,05	84,65	81,40
C 3.1 1145 2	CH ₂ (CH ₂) ₄ CH ₂	2901					
-18 °C	C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg						
assay (GC) min. 99,7%							
non-volatile matter max. 0,0005 %							
water (acc. to Karl Fischer) max. 0,01 %							
free acid (as HCl) max. 0,001 %							
suitability for UV spectroscopy							
transmittance (1 cm cell/reference:water)							
transmittance/wavelength (nm):							
min. 15 %/210, min. 45 %/220, min. 60 %/225, min.							
75 %/230, min. 90 %/240, min. 98 %/from 250							
suitability for IR spectroscopy passes test							
 R: 11 S: 9-16-33 disposal: 6							

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Type of package
B.T.N.

Price per package DM 1x 6x 24x 9
(1 Box) (4 Boxes) (18 Boxes)

17847 Cyclohexane PURANAL®
A 3/1A Cyclohexane / Ciclohexano

C 3.1 1145 2 CH₂(CH₂)₄CH₂

-18°C C₆H₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg

assay (GC)	min. 99,5%
boiling range	80—81 °C
density (D ₄ ²⁰)	0,778—0,779
refractive index (n _D ²⁰)	1,4260—1,4270
non-volatile matter	max. 10 ppm
water (according to Karl Fischer)	max. 100 ppm
aluminium (Al)	max. 0,05 ppm
antimony (Sb)	max. 0,01 ppm
arsenic (As)	max. 0,01 ppm
barium (Ba)	max. 0,1 ppm
beryllium (Be)	max. 0,01 ppm
lead (Pb)	max. 0,02 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,01 ppm
calcium (Ca)	max. 0,2 ppm
chromium (Cr)	max. 0,01 ppm
iron (Fe)	max. 0,1 ppm
gallium (Ga)	max. 0,02 ppm
gold (Au)	max. 0,02 ppm
indium (In)	max. 0,02 ppm
potassium (K)	max. 0,1 ppm
cobalt (Co)	max. 0,01 ppm
copper (Cu)	max. 0,01 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,01 ppm
molybdenum (Mo)	max. 0,01 ppm
sodium (Na)	max. 0,2 ppm
nickel (Ni)	max. 0,01 ppm
platinum (Pt)	max. 0,02 ppm
silver (Ag)	max. 0,02 ppm
strontium (Sr)	max. 0,02 ppm
thallium (Tl)	max. 0,02 ppm
titanium (Ti)	max. 0,01 ppm
vanadium (V)	max. 0,01 ppm
bismuth (Bi)	max. 0,02 ppm
zinc (Zn)	max. 0,05 ppm



R: 11 S: 9-16-33
disposal: 6

15329 Cyclohexane
A 3/1A Cyclohexane / Ciclohexano

C 3.1 1145 2 CH₂(CH₂)₄CH₂

-18°C C₆H₁₂ M = 84,16 g/mol 1 L ≈ 0,78 kg

assay (GC)	99,5%
boiling range	79—81 °C
density (D ₄ ²⁰)	0,778—0,779
refractive index (n _D ²⁰)	1,4250—1,4280
non-volatile matter	0,001%



R: 11 S: 9-16-33
disposal: 6

09041 Cyclohexane-d₁₂ deuteration not less
than 99 atom % D

A 3/1A Cyclohexane-d₁₂ / Ciclohexano-d₁₂

C 3.1 1145 2 C₆D₁₂ M = 96,07 g/mol 1 L ≈ 0,89 kg



R: 11 S: 9-16-33
disposal: 6

62387 Cyclohexanecarbaldehyde PROSYNTH®
A 3/3 Cyclohexanecarbaldehyde / Ciclohexano carbaldehido

C 3.3 1993 2 CH₂(CH₂)₄CHCHO

+44°C C₇H₁₂O M = 112,17 g/mol 1 L ≈ 0,93 kg

assay (GC)	97%
boiling range	160—162 °C
refractive index (n _D ²⁰)	1,450

R: 10 disposal: 14

FL. 2,5 L price on request
EKL. 20 kg price on request
2901

FL. 1 L 23,— 19,55 18,40 17,
FL. 2,5 L 44,— 36,50 34,30 33,
EKL. 20 kg kg 6,75
EKL. 5x kg 6,45
EKL. 10x kg 6,25
2901

A. 5 ml 147,50 125,40 118,— 110,6
2851






FL. 100 ml 77,50 65,90 62,— 58,
2911



4447	Cyclohexanecarboxylic acid PROSYNTH® <i>Acide cyclohexanecarboxylique / Acido ciclohexanocarboxílico</i> $\text{CH}_2(\text{CH}_2)_4\text{CHCOOH}$ $\text{C}_7\text{H}_{12}\text{O}_2$ $M = 128,17$ g/mol assay (GC) 99% melting range 29–31 °C Cyclohexanedicarboxylic acid-(1,2)-imide see <i>cis</i> -Hexahydrophthalimide	WG. 2914	100 g	10,—	8,50	8,—	7,50
62388	cis,trans-1,2-Cyclohexanediol PROSYNTH® <i>cis-trans-Cyclohexanediol-1-2 / cis,trans-1,2-Ciclohexanodiol</i> $\text{HOCH}(\text{CH}_2)_4\text{CHOH}$ $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol assay (GC) 97%	WG. 2905	100 g	35,50	30,20	28,40	26,65
64449	trans-1,2-Cyclohexanediol PROSYNTH® <i>trans-Cyclohexanediol-1-2 / trans-1,2-Ciclohexanodiol</i> $\text{HOCH}(\text{CH}_2)_4\text{CHOH}$ $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol assay (GC) 98% melting range 101–103 °C	WG. 2905	10 g	54,50	46,35	43,60	40,90
64450	1,4-Cyclohexanediol mixture of cis and trans isomers PROSYNTH® <i>Cyclohexanediol-1-4 / 1,4-Ciclohexanodiol</i> $\text{HOCHCH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{CH}_2$ $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol assay (GC) 98%	WG. 2905	100 g	34,75	29,55	27,80	26,05
64537	1,2-Cyclohexanedione PROSYNTH® <i>Cyclohexanedione-1-2 / 1,2-Ciclohexanodiona</i> $\text{OCCO}(\text{CH}_2)_3\text{CH}_2$ $\text{C}_6\text{H}_8\text{O}_2$ $M = 112,13$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera assay (GC) 98% melting range 35–38 °C	WG. 2913	10 g	75,50	64,20	60,40	56,65
64542	1,4-Cyclohexanedione PROSYNTH® <i>Cyclohexanedione-1-4 / 1,4-Ciclohexanodiona</i> $\text{OCCH}_2\text{CH}_2\text{COCH}_2\text{CH}_2$ $\text{C}_6\text{H}_8\text{O}_2$ $M = 112,13$ g/mol assay (GC) 98% melting range 76–78 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la neveral	WG. 2913	10 g	30,75	26,15	24,60	23,05
33118	1,2-Cyclohexanedionedioxime R. G. <i>Cyclohexanedionedioxime-1-2 / 1,2-Ciclohexanodionadioxima</i> $\text{C}_6\text{H}_9(\text{NOH})_2$ $\text{C}_6\text{H}_{10}\text{N}_2\text{O}_2$ $M = 142,16$ g/mol assay (ex N) min. 98% melting range abt. 185–190 °C (disintegration) sulphated ash max. 0,05% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,0005% suitability for determination of nickel passes test Cyclohexanehexol-(1r,2c,4t,5c,6t) see meso-Inositol	WG. 2929	5 g	25,25	21,45	20,20	18,95

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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 9
package DM (1 Box) (4 Boxes) (16 Boxes)

64077	Cyclohexanesulphamic acid PROSYNTH® <i>Acide cyclohexanesulfamique / Acido ciclohexanosulfámico</i> <chem>CH2(CH2)4CHNHSO3H</chem> <chem>C6H13NO3S</chem> $M = 179,24$ g/mol assay (ex S) 99% melting range 167–169 °C	WG. 2936	100 g	17,—	14,45	13,60	12,—
64453	Cyclohexanethiol PROSYNTH® <i>Cyclohexanethiol / Ciclohexanotiol</i> <chem>CH2(CH2)4CHSH</chem> <chem>C6H12S</chem> $M = 116,23$ g/mol 1 L ≈ 0,95 kg assay (GC) 98% boiling range 156–158 °C refractive index (n_D^{20}) 1,493  R: 10-20/21/22 disposal: 15	FL. 2931	100 ml	69,50	59,10	55,60	52,—
24217	Cyclohexanol <i>Cyclohexanol / Ciclohexanol</i> <chem>CH2(CH2)4CHOH</chem> <chem>C6H12O</chem> $M = 100,16$ g/mol 1 L ≈ 0,94 kg  R: 20/22-37/38 S: 24/25 disposal: 6	FL. EKL. EKL. EKL. F. 2905	1 L 25 kg 5x 10x 180 kg	19,— kg kg kg price on request	16,15 7,55 7,10 6,90	15,20	14,—
30839	Cyclohexanone min. 99,9% for gas chromatography <i>Cyclohexanone / Ciclohexanona</i> <chem>CH2(CH2)4CO</chem> <chem>C6H10O</chem> $M = 98,14$ g/mol 1 L ≈ 0,94 kg  R: 10-20 S: 25 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,—
24218	Cyclohexanone pure <i>Cyclohexanone / Ciclohexanona</i> <chem>CH2(CH2)4CO</chem> <chem>C6H10O</chem> $M = 98,14$ g/mol 1 L ≈ 0,94 kg assay (GC) 99,8% boiling range 154–156 °C  R: 10-20 S: 25 disposal: 6	FL. FL. EKL. EKL. EKL. F. 2913	1 L 2,5 L 25 kg 5x 10x 190 kg	28,25 60,— kg kg kg price on request	24,— 49,80 8,75 8,25 8,05	22,60 46,80	21,— 45,—
62392	Cyclohexene PROSYNTH® <i>Cyclohexène / Ciclohexeno</i> <chem>CH=CH(CH2)3CH2</chem> <chem>C6H10</chem> $M = 82,15$ g/mol 1 L ≈ 0,81 kg assay (GC) 99% boiling range 82–85 °C refractive index (n_D^{20}) 1,446  R: 11 S: 9-16-33 disposal: 6	FL. 2901	1 L	40,50	34,45	32,40	31,20
63337	Cyclohexene oxide PROSYNTH® <i>Cyclohexène oxyde / Ciclohexeno óxido</i> <chem>C6H10O</chem> $M = 98,15$ g/mol 1 L ≈ 0,96 kg assay (GC) 98% boiling range 129–131 °C refractive index (n_D^{20}) 1,452 R: 10 disposal: 6	FL. 2909	50 ml	37,—	31,45	29,60	27,70



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4455	2-Cyclohexen-1-one PROSYNTH® <i>Cyclohexène-2-one-1 / 2-Ciclohexén-1-ona</i> O=CCH=CHCH ₂ CH ₂ CH ₂ C ₆ H ₈ O M = 96,13 g/mol 1 L ≈ 1,00 kg assay (GC) 95% boiling range 168–171 °C refractive index (n _D ²⁰) 1,488	FL. 2913	10 ml	53,—	45,05	42,40	39,75
15330	Cyclohexylamine 100% <i>Cyclohexylamine / Ciclohexilamina</i> CH ₂ (CH ₂) ₄ CHNH ₂ C ₆ H ₁₃ N M = 99,18 g/mol 1 L ≈ 0,87 kg assay (GC) 99,5% boiling range 133–134 °C density (D ₄ ²⁰) 0,866–0,868 refractive index (n _D ²⁰) 1,4585–1,4595	FL. STP. F. 2922	1 L 45 kg 180 kg	24,75 price on request price on request	21,05	19,80	19,05
62394	 Cyclohexyl bromide PROSYNTH® <i>Cyclohexyle bromure / Ciclohexilo bromuro</i> CH ₂ (CH ₂) ₄ CHBr C ₆ H ₁₁ Br M = 163,06 g/mol 1 L ≈ 1,33 kg assay (GC) 99% boiling range 165–167 °C refractive index (n _D ²⁰) 1,496	FL. 2902	1 L	70,—	59,50	56,—	53,90
62395	Cyclohexyl chloride PROSYNTH® <i>Cyclohexyle chlorure / Ciclohexilo cloruro</i> ClCH(CH ₂) ₄ CH ₂ C ₆ H ₁₁ Cl M = 118,61 g/mol 1 L ≈ 1,00 kg assay (GC) 98% boiling range 141–143 °C refractive index (n _D ²⁰) 1,462 R: 10 disposal: 7	FL. 2902	1 L	52,50	44,65	42,—	40,45
	1-Cyclohexyldecane see Decylcyclohexane						
63338	N-Cyclohexyl-1,3-diaminopropane PROSYNTH® <i>N-Cyclohexyl-1-3-diaminopropane / N-Ciclohexil-1,3-diaminopropano</i> NH ₂ (CH ₂) ₃ NHCH(CH ₂) ₄ CH ₂ C ₉ H ₂₀ N ₂ M = 156,27 g/mol 1 L ≈ 0,91 kg assay (GC) 96% boiling range (at 0,7 mbar) 77–79 °C refractive index (n _D ²⁰) 1,482	FL. 2922	100 ml	27,—	22,95	21,60	20,25
62396	Cyclohexyl isocyanate PROSYNTH® <i>Cyclohexyle isocyanate / Ciclohexilo isocianato</i> CH ₂ (CH ₂) ₄ CHNCO C ₇ H ₁₁ NO M = 125,17 g/mol 1 L ≈ 0,99 kg assay (GC) 98% boiling range 169–172 °C refractive index (n _D ²⁰) 1,456	FL. 2930	250 ml	20,—	17,—	16,—	15,—
	 R: 23/24/25 S: 44 disposal: 6						

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Price per package DM 1x 6x 24x 9
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64585	Cyclohexyl isocyanide PROSYNTH®	A.	5 ml	27,—	22,95	21,60	20,—
A 6.1/2	<i>Cyclohexyl isocyanure / Ciclohexil isocianuro</i>	2927					
C 6.1 1935 1	$\text{CH}_2(\text{CH}_2)_4\text{CHNC}$ C ₇ H ₁₁ N M = 109,17 g/mol 1 L ≈ 0,89 kg assay (GC) 98% boiling range 173—176 °C refractive index (n _D ²⁰) 1,450 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
	 R: 23/24/25 S: 44 disposal: 15						
63340	Cyclohexyl methacrylate PROSYNTH® stabilized with hydroquinone (60 mg/l)	FL.	100 ml	23,50	20,—	18,80	17,—
A 3/3	<i>Cyclohexyle méthacrylate / Ciclohexilo metacrilato</i>	2914					
+34 °C	$\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}(\text{CH}_2)_4\text{CH}_2$ C ₁₀ H ₁₈ O ₂ M = 168,24 g/mol 1 L ≈ 0,95 kg assay (GC) 98% refractive index (n _D ²⁰) 1,458						
	 R: 36/37/38 S: 26-28 disposal: 6						
64457	N-Cyclohexyl-N'-[β-(N-methylmorpholine)-ethyl]carbodiimide-p-toluenesulphonate PROSYNTH®	WG.	5 g	23,—	19,55	18,40	17,—
	<i>N-Cyclohexyl-N'-[β-(N-méthyl-morpholino)-éthyl]-carbodiimide-p-toluènesulfonate / N-Ciclohexil-N'-[β-(N-metil-morfolino)etil]-carbodiimida-p-toluenosulfonato</i>	2935					
	C ₂₁ H ₃₃ N ₃ O ₄ S M = 423,57 g/mol assay (ex N) 97% melting range 110—115 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
64545	α-Cyclohexylphenylacetic acid PROSYNTH®	WG.	25 g	31,—	26,35	24,80	23,—
	<i>Acide α-cyclohexylphénylacétique / Acido α-ciclohexilfenilacético</i>	2914					
	$\text{CH}_2(\text{CH}_2)_4\text{CHCH}(\text{C}_6\text{H}_5)\text{COO}$ C ₁₄ H ₁₈ O ₂ M = 218,30 g/mol assay (alkalimetric) 98% melting range 148—150 °C						
64291	α-Cyclohexylphenylacetonitril PROSYNTH®	WG.	50 g	25,75	21,90	20,60	19,3
A 6.1/21	<i>α-Cyclohexylphénylacetonitrile /</i>	2927					
C 6.1 2811 2	<i>α-Ciclohexilfenilacetonitrilo</i>						
	$\text{C}_6\text{H}_5\text{CH}(\text{CN})\text{CH}(\text{CH}_2)_4\text{CH}_2$ C ₁₄ H ₁₇ N M = 199,30 g/mol assay (ex N) 97% melting range 54—56 °C						
63979	4-Cyclohexylresorcinol PROSYNTH®	WG.	5 g	40,75	34,65	32,60	30,5
	<i>Cyclohexylrésorcinol-4- / 4-Ciclohexilresorcina</i>	2906					
	C ₁₂ H ₁₆ O ₂ M = 192,26 g/mol assay 96% melting range 120—122 °C						
63341	Cyclooctadiene-(1,3) PROSYNTH® stabilized with 4-tert.-butylpyrocatechol	FL.	250 ml	35,—	29,75	28,—	26,2
A 3/3	<i>Cyclooctadiène-(1-3) / Ciclooctadieno-(1,3)</i>	2901					
C 3.3 1993 2	$\text{CH}=\text{CH}(\text{CH}_2)_4\text{CH}=\text{CH}$ C ₈ H ₁₂ M = 108,18 g/mol 1 L ≈ 0,87 kg assay (GC) 98% boiling range 142—144 °C refractive index (n _D ²⁰) 1,494 R: 10 disposal: 6						

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62397	Cyclooctadiene-(1,5) PROSYNTH® stabilized with 4- <i>tert.</i> -butylpyrocatechol (50 mg/l) A 3/3 C 3.3 2520 2 +38 °C <i>Cyclooctadiène-(1-5) / Ciclooctadieno-(1,5)</i> $\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2$ C_8H_{12} $M=108,18$ g/mol 1 L \approx 0,88 kg assay (GC) 99% boiling range 148–150 °C refractive index (n_D^{20}) 1,494 R: 10 disposal: 6	FL. 2901	250 ml	22,—	18,70	17,60	16,50
62398	Cyclooctane PROSYNTH® A 3/3 C 3.2 1993 2 +21 °C <i>Cyclooctane / Ciclooctano</i> $\text{CH}_2(\text{CH}_2)_6\text{CH}_2$ C_8H_{16} $M=112,21$ g/mol 1 L \approx 0,84 kg assay (GC) 98% boiling range 146–149 °C refractive index (n_D^{20}) 1,458 R: 10 disposal: 6	FL. 2901	250 ml	27,—	22,95	21,60	20,25
62399	Cyclooctanol PROSYNTH® A 3/4 +91 °C <i>Cyclooctanol / Ciclooctanol</i> $\text{CH}_2(\text{CH}_2)_6\text{CHOH}$ $\text{C}_8\text{H}_{16}\text{O}$ $M=128,21$ g/mol 1 L \approx 0,97 kg assay (GC) 98% boiling range (at 29 mbar) 106–108 °C refractive index (n_D^{20}) 1,485	FL. 2905	100 ml	75,50	64,20	60,40	56,65
62400	Cyclooctanone PROSYNTH® A 3/4 +73 °C <i>Cyclooctanone / Ciclooctanona</i> $\text{CH}_2(\text{CH}_2)_6\text{CO}$ $\text{C}_8\text{H}_{14}\text{O}$ $M=126,20$ g/mol assay (GC) 98% melting range 30–32 °C	FL. 2913	25 g	23,—	19,55	18,40	17,25
64458	1,3,5,7-Cyclooctatetraene PROSYNTH® A 3/3 C 3.2 2358 2 +22 °C <i>Cyclooctatétraène-1-3-5-7 / 1,3,5,7-Ciclooctatetraeno</i> $\text{CH}=\text{CHCH}=\text{CHCH}=\text{CHCH}=\text{CH}$ C_8H_8 $M=104,15$ g/mol 1 L \approx 0,92 kg assay (GC) 98% boiling range 140–142 °C refractive index (n_D^{20}) 1,537 R: 10 disposal: 6	FL. 2901	10 ml	75,50	64,20	60,40	56,65
62401	Cyclooctene 4-<i>tert.</i>-butylpyrocatechol (50 mg/l) A 3/3 C 3.3 1993 2 +24 °C <i>Cyclooctène / Cicloocteno</i> $\text{CH}_2(\text{CH}_2)_5\text{CH}=\text{CH}$ C_8H_{14} $M=110,20$ g/mol 1 L \approx 0,85 kg assay (GC) 97% boiling range 138–143 °C R: 10 disposal: 6	FL. 2901	1 L	71,—	60,35	56,80	54,65
Cyclopentacycloheptene see Azulene							
63342	Cyclopentadecanone PROSYNTH® <i>Cyclopentadécanone / Ciclopentadecanona</i> $\text{CH}_2(\text{CH}_2)_{13}\text{CO}$ $\text{C}_{15}\text{H}_{28}\text{O}$ $M=224,39$ g/mol assay (GC) 99% melting range 62–64 °C	WG. 2913	5 g	43,75	37,20	35,—	32,80

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4H-Cyclopenta-[def]-phenanthrene see
4,5-Methylenephenanthrene

30840 **Cyclopentane min. 99,9% for gas chromatography**
A 3/1A *Cyclopentane / Ciclopentano*
C 3.2 1993 2 $\text{CH}_2(\text{CH}_2)_3\text{CH}_2$
-7°C C_5H_{10} $M = 70,13 \text{ g/mol}$ **1 L \approx 0,75 kg**



R: 11 S: 9-16-29-33
disposal: 6

FL.
2901

5 ml 49,25 41,85 39,40 3

63343 **Cyclopentane PROSYNTH®**
A 3/1A *Cyclopentane / Ciclopentano*
C 3.2 1993 2 $\text{CH}_2(\text{CH}_2)_3\text{CH}_2$
-7°C C_5H_{10} $M = 70,13 \text{ g/mol}$ **1 L \approx 0,75 kg**

assay (GC) 97%
boiling range 47–50 °C
refractive index (n_D^{20}) 1,405



R: 11 S: 9-16-29-33
disposal: 6

FL.
2901

100 ml 17,50 14,90 14,— 1

62402 **Cyclopentanecarboxylic acid PROSYNTH®**
Acide cyclopentanecarboxylique / Acido ciclopentanocarboxílico

$\text{CH}_2(\text{CH}_2)_3\text{CHCOOH}$
 $\text{C}_6\text{H}_{10}\text{O}_2$ $M = 114,14 \text{ g/mol}$ **1 L \approx 1,05 kg**
assay (GC) 97%
boiling range 214–216 °C
refractive index (n_D^{20}) 1,453

FL.
2914

50 ml 188,— 159,80 150,40 141

62403 **Cyclopentanol PROSYNTH®**
A 3/3 *Cyclopentanol / Ciclopentanol*
C 3.3 2244 3 $\text{CH}_2(\text{CH}_2)_3\text{CHOH}$
+51°C $\text{C}_5\text{H}_{10}\text{O}$ $M = 86,13 \text{ g/mol}$ **1 L \approx 0,95 kg**

assay (GC) 99%
boiling range 138–140 °C
refractive index (n_D^{20}) 1,453

R: 10 disposal: 6

FL.
2905

100 ml 20,25 17,20 16,20 15,

62404 **Cyclopentanone PROSYNTH®**
A 3/3 *Cyclopentanone / Ciclopentanona*
C 3.3 2245 2 $\text{CH}_2(\text{CH}_2)_3\text{CO}$
+30°C $\text{C}_5\text{H}_8\text{O}$ $M = 84,12 \text{ g/mol}$ **1 L \approx 0,95 kg**

assay (GC) 99%
boiling range 129–131 °C
refractive index (n_D^{20}) 1,436



R: 10-36/38 S: 23
disposal: 6

FL.
2913

1 L 53,— 45,05 42,40 40,

62405 **Cyclopentene PROSYNTH®**
A 3/1A *Cyclopentène / Ciclopenteno*
C 3.1 2246 2 $\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CH}_2$
-29°C C_5H_8 $M = 68,12 \text{ g/mol}$ **1 L \approx 0,77 kg**

assay (GC) 99%
boiling range 44–45 °C
refractive index (n_D^{20}) 1,422









R: 11 S: 9-16-33
disposal: 6

FL.
2901

100 ml 31,25 26,55 25,— 23,4

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96x
(16 Boxes)

63345 A 3/1A C 3.2 1993 2 +13°C	Cyclopentylamine PROSYNTH® <i>Cyclopentylamine / Ciclopentilamina</i> <chem>CH2(CH2)3CHNH2</chem> <chem>C5H11N</chem> $M = 85,15$ g/mol $1\text{ L} \approx 0,86$ kg assay (GC) 98% boiling range 106–108 °C refractive index (n_D^{20}) 1,450   R: 11-36/37/38 S: 16-26-29 disposal: 19	FL. 2922	50 ml	39,—	33,15	31,20	29,25
62406 A 3/3 C 3.3 1993 2 +42°C	Cyclopentyl bromide PROSYNTH® <i>Cyclopentyle bromure / Ciclopentilo bromuro</i> <chem>CH2(CH2)3CHBr</chem> <chem>C5H9Br</chem> $M = 149,03$ g/mol $1\text{ L} \approx 1,39$ kg assay (GC) 98% boiling range 137–139 °C refractive index (n_D^{20}) 1,489 R: 10 disposal: 7	FL. 2902	100 ml	75,50	64,20	60,40	56,65
62407 A 6.1/21 C 6.1 1935 1	Cyclopropanecarboxylic acid PROSYNTH® <i>Acide cyclopropanecarboxylique / Acido ciclopropanocarboxilico</i> <chem>CH2CH2CHCOOH</chem> <chem>C4H6O2</chem> $M = 86,09$ g/mol $1\text{ L} \approx 1,09$ kg assay (GC) 97% boiling range 182–184 °C refractive index (n_D^{20}) 1,438	FL. 2914	50 ml	43,75	37,20	35,—	32,80
63347 A 6.1/21 C 6.1 1935 1	Cyclopropanecarboxylic acid nitrile PROSYNTH® <i>Acide cyclopropanecarboxylique nitrile / Acido ciclopropanocarboxilico nitrilo</i> <chem>CH2CH2CHCN</chem> <chem>C4H5N</chem> $M = 67,09$ g/mol $1\text{ L} \approx 0,90$ kg assay (GC) 97% boiling range 133–135 °C refractive index (n_D^{20}) 1,421  R: 23/24/25 S: 44 disposal: 15	FL. 2927	5 ml	13,25	11,25	10,60	9,95
63346 A 3/5 C 3.2 1993 2 +1°C	Cyclopropylamine PROSYNTH® <i>Cyclopropylamine / Ciclopropilamina</i> <chem>CH2CH2CHNH2</chem> <chem>C3H7N</chem> $M = 57,10$ g/mol $1\text{ L} \approx 0,82$ kg assay (GC) 98% boiling range 48–50 °C refractive index (n_D^{20}) 1,421   R: 11-36/37/38 S: 9-16 disposal: 19	FL. 2922	25 ml	71,50	60,80	57,20	53,65
	Cyclo propyl bromide see Bromocyclopropane						
62408 A 3/1A C 3.2 1224 2 +13°C	Cyclopropyl methyl ketone PROSYNTH® <i>Cyclopropylméthylcétone / Ciclopropilmetilcetona</i> <chem>CH3COCHCH2CH2</chem> <chem>C5H8O</chem> $M = 84,12$ g/mol $1\text{ L} \approx 0,90$ kg assay (GC) 99% boiling range 111–113 °C refractive index (n_D^{20}) 1,425  R: 11 S: 9-16-33 disposal: 6	FL. 2913	100 ml	135,50	115,20	108,40	101,65

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B.T.N.


Price per
package DM


1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

64459	Cyclopropyltriphenylphosphonium bromide PROSYNTH® <i>Cyclopropyltriphenylphosphonium bromure /</i> <i>Ciclopiltrifenilfosfonio bromuro</i> $\text{CH}_2\text{CH}_2\text{CH}_2\text{P}(\text{Br})(\text{C}_6\text{H}_5)_3$ $\text{C}_{21}\text{H}_{20}\text{BrP}$ $M = 383,27 \text{ g/mol}$ assay (ex Br) 98% melting range 183–185 °C	WG. 2919	10 g	124,50	105,85	99,60	99,60
39424	D-Cycloserine BIOSYNTH® <i>D-Cyclosérine / D-Cicloserina</i> $\text{CH}_2\text{ONHCOCHNH}_2$ $\text{C}_3\text{H}_6\text{N}_2\text{O}_2$ $M = 102,09 \text{ g/mol}$	WG. 2935	5 g	40,50	34,45	32,40	30,40
35805 C.I. J.	Cycluron min. 99% PESTANAL® (3-Cyclooctyl-1,1-dimethylurea) $\text{CH}_2(\text{CH}_2)_6\text{CHNHC}(\text{O})\text{N}(\text{CH}_3)_2$ $\text{C}_{11}\text{H}_{22}\text{N}_2\text{O}$ $M = 198,31 \text{ g/mol}$  R: 20/21/22 S: 2-13 disposal: 7	FL. 2925	1 g	28,25	24,—	22,60	21,—
15333 A 3/3 C 3.3 1993 2 +47 °C	p-Cymene <i>p-Cymène / p-Cimeno</i> $\text{C}_6\text{H}_4(\text{CH}_3)[\text{CH}(\text{CH}_3)_2]$ $\text{C}_{10}\text{H}_{14}$ $M = 134,22 \text{ g/mol}$ $1 \text{ L} \approx 0,86 \text{ kg}$ assay (GC) 97% boiling range 174–177 °C density (D_4^{20}) 0,858–0,860 refractive index (n_D^{20}) 1,4880–1,4900 non-volatile matter 0,005% R: 10 disposal: 6	FL. EKL. 2901	1 L 25 kg	25,25 price on request	21,45	20,20	19,—
	Cyprylic acid amide see Octanamide						
64460	Cystamine dichloride PROSYNTH® <i>Cystamine dichlorhydrate / Cistaminio dicloruro</i> $\text{NH}_2\text{CH}_2\text{CH}_2\text{SSCH}_2\text{CH}_2\text{NH}_2 \cdot 2\text{HCl}$ $\text{C}_4\text{H}_{14}\text{Cl}_2\text{N}_2\text{S}_2$ $M = 225,20 \text{ g/mol}$ assay (ex Cl) 98% melting range 213–215 °C	WG. 2931	25 g	45,25	38,45	36,20	33,—
63603	Cysteamine hydrochloride PROSYNTH® <i>Cystéamine chlorhydrate / Cisteamina clorhidrato</i> $\text{HSCH}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$ $\text{C}_2\text{H}_8\text{ClNS}$ $M = 113,61 \text{ g/mol}$ assay (ex N) 98% melting range 67–69 °C	WG. 2931	10 g	12,75	10,85	10,20	9,—
39010	L(+)-Cysteine BIOSYNTH® <i>L(+)-Cystéine / L(+)-Cisteina</i> $\text{HSCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_3\text{H}_7\text{NO}_2\text{S}$ $M = 121,16 \text{ g/mol}$ assay (ex N) 98% specific rotation ($[\alpha]_D^{20}$; c = 10 in HCl 1 mol/l) +5° ± 1°	WG. 2931	25 g	17,—	14,45	13,60	12,—
15337	L(+)-Cysteine hydrochloride <i>L(+)-Cystéine chlorhydrate / L(+)-Cisteina clorhidrato</i> $\text{CH}_2(\text{SH})\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl} \cdot \text{H}_2\text{O}$ $\text{C}_3\text{H}_8\text{ClNO}_2\text{S} \cdot \text{H}_2\text{O}$ $M = 175,64 \text{ g/mol}$ assay of $\text{C}_3\text{H}_8\text{ClNO}_2\text{S}$ in dried substance 99% specific rotation ($[\alpha]_D^{20}$; c = 5,0 in N HCl) +5,0° to +8,0° loss on drying 10% sulphated ash 0,05% iron (Fe) 0,001% heavy metals (as Pb) 0,005%	PF. PF. 2931	25 g 100 g	11,— 28,—	9,35 23,80	8,80 22,40	8,— 21,—

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			1x	6x	24x	96x	
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9009	L(-)-Cystine BIOSYNTH® <i>L(-)-Cystine / L(-)-Cistina</i> $\text{HOOCCH}(\text{NH}_2)\text{CH}_2\text{SSCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_6\text{H}_{12}\text{N}_2\text{O}_4\text{S}_2$ $M = 240,30$ g/mol specific rotation $([\alpha]_D^{20}; c=2 \text{ in HCl } 1 \text{ mol/l}) \dots -210^\circ$	PF. 2931	100 g	32,75	27,85	26,20	24,55
39226	Cytidine BIOSYNTH® <i>Cytidine / Citidina</i> $\text{CON}=\text{C}(\text{NH}_2)\text{CH}=\text{CHNCHCHOHCHOHCH}(\text{CH}_2\text{OH})\text{O}$ $\text{C}_9\text{H}_{13}\text{N}_3\text{O}_5$ $M = 243,22$ g/mol assay (ex N) 99% melting range $210-215^\circ\text{C}$ specific rotation $([\alpha]_D^{20}; c=0,7 \text{ in H}_2\text{O}) \dots +31^\circ \pm 2^\circ$	FL. 2935	1 g	10,50	8,95	8,40	7,90
39331	Cytidine-5'-diphosphoric acid trisodium salt BIOSYNTH® <i>Acide cytidine-5'-diphosphorique sel trisodique / Acido citidin-5'-difosfórico sal trisódica</i> package of 50 mg $\text{C}_9\text{H}_{12}\text{N}_3\text{Na}_3\text{O}_{11}\text{P}_2 \cdot 2\text{H}_2\text{O}$ $M = 505,15$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	52,50	44,65	42,—	39,40
39227	Cytidine monophosphoric acid BIOSYNTH® <i>Acide cytidinemonophosphorique / Acido citidinmonofosfórico</i> $\text{C}_9\text{H}_{14}\text{N}_3\text{O}_8\text{P}$ $M = 323,20$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	56,—	47,60	44,80	42,—
39332	Cytidine-2'(3')-monophosphoric acid BIOSYNTH® <i>Acide cytidine-2'(3')-monophosphorique / Acido citidin-2'(3')-monofosfórico</i> $\text{C}_9\text{H}_{14}\text{N}_3\text{O}_8\text{P}$ $M = 323,20$ g/mol	FL. 2919	1 g	43,75	37,20	35,—	32,80
39228	Cytidine-5'-monophosphoric acid disodium salt PROSYNTH® <i>Acide cytidine-5'-monophosphorique sel disodique / Acido citidin-5'-monofosfórico sal disódica</i> $\text{C}_9\text{H}_{12}\text{N}_3\text{Na}_2\text{O}_8\text{P}$ $M = 367,16$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	10,75	9,15	8,60	8,05
39229	Cytosine BIOSYNTH® <i>Cytosine / Citosina</i> $\text{N}=\text{C}(\text{OH})\text{N}=\text{C}(\text{NH}_2)\text{CH}=\text{CH}$ $\text{C}_4\text{H}_5\text{N}_3\text{O}$ $M = 111,10$ g/mol assay (UV) 97% log $\epsilon/275$ (HCl 0,1 mol/l) 4,008 Cytosine-[d-ribofurane oxide] see Cytidine	FL. 2935	1 g	16,25	13,80	13,—	12,20
35715 A 6.1/83 C 6.1 ./ 3	2,4-D min. 99% PESTANAL® (2,4-Dichlorophenoxyacetic acid) $\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}_2\text{COOH}$ $\text{C}_8\text{H}_6\text{Cl}_2\text{O}_3$ $M = 221,04$ g/mol  R: 20/21/22 S: 2-13 disposal: 7 DANSYL-chloride see 5- Dimethylaminonaphthalenesulphonyl-1-chloride	FL. 2916	1 g	14,50	12,35	11,60	10,90

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35887	Dazomet min. 99% PESTANAL® (3,5-Dimethyl-1,3,5-2H-tetrahydrothiadiazinethione-[2]) SC(S)N(CH ₃)CH ₂ N(CH ₃)CH ₂ C ₅ H ₁₀ N ₂ S ₂ M = 162,28 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 21/22 S: 2-13 disposal: 7	FL. 2935	1 g	28,25	24,—	22,60	2
35774	2,4-DB min. 99% PESTANAL® [4-(2,4-Dichlorophenoxy)- butyric acid] Cl ₂ C ₆ H ₃ O(CH ₂) ₃ COOH C ₁₀ H ₁₀ Cl ₂ O ₃ M = 249,09 g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	21,50	18,30	17,20	16
35771	4,4'-DBP min. 99% PESTANAL® (4,4'-Dichlorobenzophenone) ClC ₆ H ₄ COC ₆ H ₄ Cl C ₁₃ H ₈ Cl ₂ O M = 251,11 g/mol	FL. 2913	1 g	28,25	24,—	22,60	21
35769	4,4'-DDA min. 99% PESTANAL® [2,2-Bis-(4-chlorophenyl)- acetic acid] ClC ₆ H ₄ CH(COOH)C ₆ H ₄ Cl C ₁₄ H ₁₀ Cl ₂ O ₂ M = 281,14 g/mol	FL. 2914	1 g	56,50	48,05	45,20	42
35844	2,4'-DDD min. 99% PESTANAL® [1,1-Dichloro-2-(chlorophenyl)-2-(4-chlorophenyl)-ethane] ClC ₆ H ₄ CH(CHCl ₂)C ₆ H ₄ Cl C ₁₄ H ₁₀ Cl ₄ M = 320,05 g/mol	FL. 2902	1 g	70,—	59,50	56,—	52
35768	4,4'-DDD (TDE) min. 99% PESTANAL® [1,1-Dichloro-2,2-bis-(4-chlorophenyl)-ethane] ClC ₆ H ₄ CH(CHCl ₂)C ₆ H ₄ Cl C ₁₄ H ₁₀ Cl ₄ M = 320,05 g/mol	FL. 2902	1 g	56,50	48,05	45,20	42
35878	2,4'-DDE min. 98% PESTANAL® (1,1-Dichloro-2-[2- chlorophenyl]-2-[4-chlorophenyl]-ethylene) ClC ₆ H ₄ C(=CCl ₂)C ₆ H ₄ Cl C ₁₄ H ₈ Cl ₄ M = 318,03 g/mol	FL. 2902	1 g	56,50	48,05	45,20	42
35766	4,4'-DDE min. 99% PESTANAL® [1,1-Dichloro-2,2-bis-(4- chlorophenyl)-ethene] ClC ₆ H ₄ C(=CCl ₂)C ₆ H ₄ Cl C ₁₄ H ₈ Cl ₄ M = 318,03 g/mol	FL. 2902	1 g	28,25	24,—	22,60	21
35807	4,4'-DDM min. 99% PESTANAL® [Bis-(4-chlorophenyl)- methane] ClC ₆ H ₄ CH ₂ C ₆ H ₄ Cl C ₁₃ H ₁₀ Cl ₂ M = 237,13 g/mol	FL. 2902	1 g	56,50	48,05	45,20	42
35818	4,4'-DDMU min. 99% PESTANAL® [1,1-Bis-(4-chlorophenyl)- 2-chloroethylene] ClC ₆ H ₄ C(=CHCl)C ₆ H ₄ Cl C ₁₄ H ₉ Cl ₃ M = 283,58 g/mol	FL. 2902	1 g	56,50	48,05	45,20	42,4
35792	4,4'-DDOH min. 99% PESTANAL® [2,2-Bis-(4-chlorophenyl)- ethanol-(1)] ClC ₆ H ₄ CH(CH ₂ OH)C ₆ H ₄ Cl C ₁₄ H ₁₂ Cl ₂ O M = 267,15 g/mol	FL. 2904	1 g	56,50	48,05	45,20	42,4
35724	2,4'-DDT min. 99% PESTANAL® [1,1,1-Trichloro-2-(2- chlorophenyl)-2-(4-chlorophenyl)-ethane] ClC ₆ H ₄ CH(CCl ₃)C ₆ H ₄ Cl C ₁₄ H ₉ Cl ₅ M = 354,49 g/mol  R: 23/24/25-33 S: 2-13-44 disposal: 7	FL. 2902	1 g	62,50	53,15	50,—	46,9

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5723 6.1/82B 6.1 1615 3	4,4'-DDT min. 99% PESTANAL® [1,1,1-Trichloro-2,2-bis-(4-chlorophenyl)-ethane] C1C6H4CH(CCl3)C6H4Cl C14H9Cl5 M = 354,49 g/mol  R: 23/24/25-33 S: 2-13-44 disposal: 7 DEAE Cellulose see Cellulose DEAE	FL. 2902	1 g	14,—	11,90	11,20	10,50
12888	Decabromo diphenyl ether Ether decabromo diphénylique / Eter decabromo difenilico C6Br5OC6Br5 C12Br10O M = 959,17 g/mol assay (ex Br) 97% Decadeuterodiethyl ether see Diethyl ether-D10 Decahydronaphthalene see Decalin	WG. 2908	1 kg	106,50	90,55	85,20	82,—
24219 A 3/3 C 3.3 1147 2 +57°C	Decalin Décaline / Decalina C10H18 M = 138,25 g/mol 1 L ≈ 0,88 kg assay (GC) 99% boiling range 182—192 °C density (D ₄ ²⁰) 0,873—0,886 refractive index (n _D ²⁰) 1,4700—1,4800 non-volatile matter 0,05% water (according to Karl Fischer) 0,05% R: 10 disposal: 6 Decamethylene dibromide see 1,10-Dibromodecane Decamethylene glycol see Decanediol-(1,10) Decanal see Caprinaldehyde	FL. FL. EKL. F. 2901	1 L 2,5 L 25 kg 170 kg	19,75 42,— kg 8,65 price on request	16,80 34,85	15,80 32,75	15,20 31,50
62409 A 3/3 C 3.3 1993 2 +46°C	Decane PROSYNTH® Décane / Decano CH3(CH2)8CH3 C10H22 M = 142,28 g/mol 1 L ≈ 0,73 kg assay (GC) 95% boiling range 172—175 °C refractive index (n _D ²⁰) 1,412 R: 10 disposal: 6	FL. 2901	500 ml	41,50	35,30	33,20	31,95
32255 A 3/3 C 3.3 2247 3 +47°C	n-Decane min. 99,9% for gas chromatography n-Décane / n-Decano CH3(CH2)8CH3 C10H22 M = 142,28 g/mol 1 L ≈ 0,73 kg R: 10 disposal: 6	FL. 2901	5 ml	49,25	41,85	39,40	36,95
63349 A 8/35 C 8 1760 2	1-Decanecarboxylic acid see Undecanoic acid Decanediamine-(1,10) PROSYNTH® Décanediamine-(1-10) / Decanodiamino-(1,10) NH2(CH2)10NH2 C10H24N2 M = 172,31 g/mol assay (ex N) 97% melting range 60—62 °C 1,2-Decanedicarboxylic acid see Octylsuccinic acid	WG. 2922	25 g	79,50	67,60	63,60	59,65
62410	Decanediol-(1,10) PROSYNTH® Décanediol-(1-10) / Decanodiol-(1,10) HO(CH2)10OH C10H22O2 M = 174,28 g/mol assay (GC) 98% melting range 70—73 °C	PF. 2904	100 g	24,—	20,40	19,20	18,—

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63351	Decanethiol-(1) PROSYNTH® <i>Décanethiol-(1) / Decanotiol-(1)</i> +99°C <chem>CH3(CH2)9SH</chem> <chem>C10H22S</chem> $M = 174,35$ g/mol 1 L ≈ 0,85 kg assay (GC) 95% boiling range 239–241 °C refractive index (n_D^{20}) 1,458	FL. 2931	100 ml	60,50	51,45	48,40	4
	Decanoic acid see Capric acid						
62411	1-Decanol PROSYNTH® <i>Décanol-(1) / Decanol-(1)</i> +82°C <chem>CH3(CH2)9OH</chem> <chem>C10H22O</chem> $M = 158,28$ g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 229–231 °C refractive index (n_D^{20}) 1,437	FL. 2904	1 L	22,—	18,70	17,60	16
64493	5-Decanol PROSYNTH® <i>Décanol-5 / 5-Decanol</i> +80°C <chem>CH3(CH2)4CH(OH)(CH2)3CH3</chem> <chem>C10H22O</chem> $M = 158,28$ g/mol 1 L ≈ 0,81 kg assay (GC) 98% boiling range (at 15 mbar) 97–99 °C refractive index (n_D^{20}) 1,433	FL. 2904	10 ml	47,—	39,95	37,60	35
60454	iso-Decanol PROSYNTH® (mixture of isomers) <i>iso-Décanol / iso-Decanol</i> +82°C <chem>C10H22O</chem> $M = 158,28$ g/mol 1 L ≈ 0,84 kg assay 99% boiling range 215–225 °C refractive index (n_D^{20}) 1,440	FL. 2904	500 ml	13,25	11,25	10,60	10
30827	Decanone-(2) min. 99,9% for gas chromatography <i>Décanone-(2) / Decanona-(2)</i> +86°C <chem>CH3(CH2)7COCH3</chem> <chem>C10H20O</chem> $M = 156,27$ g/mol 1 L ≈ 0,84 kg	FL. 2913	5 ml	49,25	41,85	39,40	36
62412	Decanone-(2) PROSYNTH® <i>Décanone-(2) / Decanona-(2)</i> +86°C <chem>CH3(CH2)7COCH3</chem> <chem>C10H20O</chem> $M = 156,27$ g/mol 1 L ≈ 0,82 kg assay (GC) 95% boiling range 209–212 °C refractive index (n_D^{20}) 1,426	FL. 2913	50 ml	57,—	48,45	45,60	42
30828	Decanone-(3) min. 99,9% for gas chromatography <i>Décanone-(3) / Decanona-(3)</i> <chem>CH3(CH2)6COC2H5</chem> <chem>C10H20O</chem> $M = 156,27$ g/mol 1 L ≈ 0,83 kg	FL. 2913	5 ml	49,25	41,85	39,40	36
62413	Decanone-(3) PROSYNTH® <i>Décanone-(3) / Decanona-(3)</i> +81°C <chem>CH3(CH2)6COC2H5</chem> <chem>C10H20O</chem> $M = 156,27$ g/mol 1 L ≈ 0,83 kg assay (GC) 95% boiling range 202–205 °C refractive index (n_D^{20}) 1,423	FL. 2913	50 ml	38,75	32,95	31,—	29
62415	Decene-(1) PROSYNTH® <i>Décène-(1) / Deceno-(1)</i> C 3.3 1993 2 +44°C <chem>CH3(CH2)7CH=CH2</chem> <chem>C10H20</chem> $M = 140,27$ g/mol 1 L ≈ 0,74 kg assay (GC) 98% boiling range 169–171 °C refractive index (n_D^{20}) 1,421	FL. 2901	100 ml	29,50	25,10	23,60	22


Decyl alcohol see Decanol-(1)


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4464	Decylamine PROSYNTH® <i>Décylamine / Decilamina</i> $\text{CH}_3(\text{CH}_2)_9\text{NH}_2$ $\text{C}_{10}\text{H}_{23}\text{N}$ $M = 157,30 \text{ g/mol}$ $1 \text{ L} \approx 0,79 \text{ kg}$ assay (GC) 95% boiling range 215–217 °C refractive index (n_D^{20}) 1,436	FL. 2922	500 ml	47,—	39,95	37,60	36,20
8/35 8 1719 2 89 °C							
	Decylbenzene see 1-Phenyldecane Decyl bromide see 1-Bromodecane						
3983	Decylcyclohexane PROSYNTH® <i>Décylcyclohexane / Decilciclohexano</i> $\text{CH}_2(\text{CH}_2)_4\text{CH}(\text{CH}_2)_9\text{CH}_3$ $\text{C}_{16}\text{H}_{32}$ $M = 224,43 \text{ g/mol}$ assay (GC) 96% boiling range (at 13 mbar) 150–152 °C refractive index (n_D^{20}) 1,454	FL. 2901	10 g	43,75	37,20	35,—	32,80
	Decylmercaptan see Decanethiol-(1)						
3984	Decylsuccinic acid PROSYNTH® <i>Acide décylsuccinique / Acido decilsuccínico</i> $\text{HOOCCH}_2\text{CH}_2\text{CH}[(\text{CH}_2)_9\text{CH}_3]\text{COOH}$ $\text{C}_{14}\text{H}_{26}\text{O}_4$ $M = 258,36 \text{ g/mol}$	WG. 2915	25 g	34,50	29,35	27,60	25,90
2417	Dehydroacetic acid PROSYNTH® <i>Acide déhydroacétique / Acido dehidroacético</i> $\text{QCOC}(\text{COCH}_3) = \text{C}(\text{OH})\text{CH} = \text{CCH}_3$ $\text{C}_8\text{H}_8\text{O}_4$ $M = 168,15 \text{ g/mol}$ assay (alkalimetric) 98% melting range 109–111 °C	PF. 2935	250 g	22,—	18,70	17,60	16,50
3986	Dehydroacetic acid sodium salt PROSYNTH® <i>Acide déhydroacétique sel sodique / Acido dehidroacético sal sódica</i> $\text{QCOC}(\text{COCH}_3) = \text{C}(\text{ONa})\text{CH} = \text{CCH}_3$ $\text{C}_8\text{H}_7\text{NaO}_4$ $M = 190,13 \text{ g/mol}$ assay 98% melting range 284–287 °C (disint.)	WG. 2935	250 g	54,—	45,90	43,20	40,50
3990	Dehydroascorbic acid PROSYNTH® <i>Acide déhydroascorbique / Acido dehidroascórbico</i> $\text{HOCH}_2\text{CH}(\text{OH})\text{CHCOCOCOP}$ $\text{C}_8\text{H}_6\text{O}_6$ $M = 174,11 \text{ g/mol}$ assay 95% melting range 225–228 °C (disint.)	FL. 2935	1 g	92,—	78,20	73,60	69,—
20305	Dehydrocholic acid U. S. P. XVI, Ö.A.B. 9 <i>Acide déhydrocholique / Acido dehidrocólico</i> $\text{C}_{24}\text{H}_{34}\text{O}_5$ $M = 402,54 \text{ g/mol}$	PF. PF. FTP. 2916	100 g 1 kg 25 kg	29,— 218,— price on request	24,65 185,30	23,20 174,40	21,75 167,85
	Delafield's hematoxylin solution see Hematoxylin solution according to Delafield						
35888 A 6.1/82A1 C 6.1 1015 2	Demeton-S-methylsulfon min. 99% PESTANAL® (0,0-Dimethyl-S-[thia-(dioxo)-pentyl]-phosphormonothioate) $(\text{CH}_3\text{O})_2\text{P}(\text{O})\text{SCH}_2\text{CH}_2\text{SO}_2\text{CH}_2\text{CH}_3$ $\text{C}_6\text{H}_{15}\text{O}_5\text{PS}_2$ $M = 262,29 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2921	1 g	28,25	24,—	22,60	21,20
	 R: 23/24/25 S: 2-13-44 disposal: 7						

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36069	Denigès' reagent for acetone <i>Réactif de Denigès / Reactivo de Denigès</i> 1 L ≈ 1,26 kg	FL. 3819	250 ml	13,25	11,25	10,60	
A 6.1/53							
C 6.1 2024 2							
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 26						
39335	2'-Deoxyadenosine BIOSYNTH® <i>Désoxy-2'-adénosine / 2'-Desoxiadenosina</i> C ₁₀ H ₁₃ N ₅ O ₃ · H ₂ O M = 269,26 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	54,50	46,35	43,60	4
	2-Deoxy-o-altromethylose see D(+)-Digitoxose						
62418	Deoxybenzoin PROSYNTH® <i>Désoxybenzoïne / Desoxibenzoína</i> C ₆ H ₅ COCH ₂ C ₆ H ₅ C ₁₄ H ₁₂ O M = 196,25 g/mol assay (GC) 98% melting range 52–55 °C	PF. 2913	100 g	56,—	47,60	44,80	4
20303	Deoxycholic acid chem. pure <i>Acide désoxycholique / Acido desoxicólico</i> C ₂₄ H ₄₀ O ₄ M = 392,58 g/mol	PF. PF. FTP. 2916	100 g 1 kg 40 kg	63,— 475,— price on request	53,55 403,75	50,40 380,—	4 36
	Deoxycholic acid sodium salt see Sodium deoxycholate						
39338	2'-Deoxycytidinium chloride BIOSYNTH® <i>Désoxy-2'-cytidine chlorhydrate / 2'-Desoxicitdinio cloruro</i> package of 250 mg C ₉ H ₁₄ ClN ₃ O ₄ M = 263,68 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	31,50	26,80	25,20	2
39132	2-Deoxy-D-glucose BIOSYNTH® <i>2-Désoxy-D-glucose / 2-Desoxi-D-glucosa</i> HOCH ₂ CH(CHOH) ₂ CH ₂ CH(OH)O C ₆ H ₁₂ O ₅ M = 164,16 g/mol melting range 148–150 °C specific rotation ([α] _D ²⁰ ; c = 1 in H ₂ O) +44° ± 1°	FL. 2943	1 g	32,75	27,85	26,20	24
39340	2'-Deoxyguanosine BIOSYNTH® <i>2'-Désoxyguanosine / 2'-Desoxiguanosina</i> package of 250 mg C ₁₀ H ₁₃ N ₅ O ₄ M = 267,24 g/mol	2935	1 pack	31,25	26,55	25,—	23
39341	2'-Deoxyinosine <i>2'-Désoxyinosine / 2'-Desoxiinosina</i> package of 100 mg C ₁₀ H ₁₂ N ₄ O ₄ M = 252,23 g/mol	2935	1 pack	28,50	24,25	22,80	21
63353	4'-Deoxypyridoxol hydrochloride PROSYNTH® <i>4'-Désoxypyridoxol chlorhydrate / 4'-Desoxipiridoxol clorhidrato</i> C(CH ₃)=C(OH)C(CH ₃)=C(CH ₂ OH)CH=N · HCl C ₈ H ₁₂ ClNO ₂ M = 189,64 g/mol assay (ex Cl) 98% melting range 263–265 °C (disint.)	FL. 2935	1 g	56,—	47,60	44,80	42

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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
39133	2-Deoxy-D-ribose BIOSYNTH® <i>2-Désoxy-D-ribose / 2-Desoxi-D-ribosa</i> $\text{CH}_2(\text{CHOH})_2\text{CH}_2\text{CH}(\text{OH})\text{O}$ $\text{C}_5\text{H}_{10}\text{O}_4$ $M = 134,13$ g/mol specific rotation $([\alpha]_D^{20}; c=1 \text{ in H}_2\text{O}) \dots\dots\dots -58^\circ \pm 1^\circ$	FL. 2943	1 g	28,—	23,80	22,40	21,—
39347	2'-Deoxyuridine BIOSYNTH® <i>2'-Désoxyuridine / 2'-Desoxiuridina</i> package of 250 mg $\text{C}_9\text{H}_{12}\text{N}_2\text{O}_5$ $M = 228,20$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	34,—	28,90	27,20	25,50
35849	Desmetryn min. 99% PESTANAL® <i>(2-iso-Propylamino-4-methylamino-6-methylthio-1,3,5-triazine)</i> $\text{N}=\text{C}(\text{NHCH}_3)\text{N}=\text{C}(\text{SCH}_3)\text{N}=\text{CNHCH}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{15}\text{N}_5\text{S}$ $M = 213,31$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2935	1 g	56,50	48,05	45,20	42,40
09016	Deuterium oxide (heavy water) deuteration degree not less than 99,7 atom % D <i>Deutérium oxyde / Deuterio óxido</i> D_2O $M = 20,00$ g/mol $1 \text{ L} \approx 1,11 \text{ kg}$ <i>tri-Deuteroammonia solution</i> see Ammonia-D ₃ -solution <i>tetra-Deuteroammonium chloride</i> see Ammonium chloride-D ₄ Deuterobromoform see Bromoform-D Deuterochloroform see Chloroform-D ₁ <i>tetra-Deuterolithium aluminium hydride</i> see Lithium aluminium hydride-D ₄ Deuteronitric acid see Nitric acid-D Deuteroparaformaldehyde see Paraformaldehyde-D _x Deuteropolystyrene see Polystyrene-D _x Deuterosodium hydroxide solution see Sodium hydroxide-D solution <i>di-Deuterosulphuric acid</i> see Sulphuric acid D ₂ <i>Deuterotrifluoroacetic acid</i> see Trifluoroacetic acid-D <i>Deutrochloric acid</i> see Hydrochloric acid-D	FL. FL. 2851	50 ml 250 ml	106,— 436,—	90,10 370,60	84,80 348,80	79,50 327,—
31609	Devarda's alloy R. G. powder <i>Alliage de Devarda / Aleación de Devarda</i>	PF. PF. 7406	250 g 1 kg	19,50 63,50	16,60 54,—	15,60 50,80	14,65 48,90
14903	Devarda's alloy <i>Alliage de Devarda / Aleación de Devarda</i>	PF. PF. 7406	500 g 1 kg	30,25 56,—	25,70 47,60	24,20 44,80	23,30 43,10
39423	Dextran MG 40000 BIOSYNTH® <i>Dextran MG 40000 / Dextrano MG 40000</i> $(\text{C}_6\text{H}_{10}\text{O}_5)_n$	WG. 3906	10 g	28,50	24,25	22,80	21,40
39418	Dextran MG 70000 BIOSYNTH® <i>Dextran MG 70000 / Dextrano MG 70000</i> $(\text{C}_6\text{H}_{10}\text{O}_5)_n$	WG. 3906	10 g	28,50	24,25	22,80	21,40

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6x
(4 Boxes)



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(16 Boxes)

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(16 Boxes)

39471	Dextran MG 110000 BIOSYNTH® <i>Dextran MG 110000 / Dextrano MG 110000</i> (C ₆ H ₁₀ O ₅) _n Dextrose see D(+)-Glucose	WG. 3906	10 g	28,50	24,25	22,80	21
64521	Diacetamide PROSYNTH® <i>Diacétamide / Diacetamida</i> (CH ₃ CO) ₂ NH C ₄ H ₇ NO ₂ M = 101,10 g/mol assay (ex N) 99% melting range 74–76 °C	WG. 2926	10 g	30,75	26,15	24,60	23
62419	Diacetin PROSYNTH® mixture ex glycerol diacetate and -triacetate <i>Diacétine / Diacetina</i> 1 L ≈ 1,18 kg	FL. 2914	500 ml	23,75	20,20	19,—	18,
24220	Diacetone alcohol <i>Diacétone alcool / Diacetonalcohol</i> (CH ₃) ₂ C(OH)CH ₂ COCH ₃ C ₆ H ₁₂ O ₂ M = 116,16 g/mol 1 L ≈ 0,94 kg boiling range 166–170 °C density (D ₄ ²⁰) 0,939–0,942 refractive index (n _D ²⁰) 1,4220–1,4240	FL. FL. EKL. 2913	1 L 2,5 L 30 kg	14,25 29,75 price on request	12,10 24,70	11,40 23,20	10, 22,
	 R: 36 S: 24/25 disposal: 6						
64576	3,5-Diacetoxy-acetophenone PROSYNTH® <i>Diacétoxy-3-5-acétophénone / 3,5-Diacetoxiacetofenona</i> (CH ₃ COO) ₂ C ₆ H ₃ COCH ₃ C ₁₂ H ₁₀ O ₅ M = 236,22 g/mol assay 98% melting range 92–95 °C	WG. 2916	100 g	78,—	66,30	62,40	58,
62420	Diacetyl PROSYNTH® <i>Diacétyle / Diacetilo</i> CH ₃ COCOCH ₃ C ₄ H ₈ O ₂ M = 86,09 g/mol 1 L ≈ 0,98 kg assay (GC) 99% boiling range 87–89 °C refractive index (n _D ²⁰) 1,395	FL. 2913	250 ml	46,50	39,55	37,20	34,9
	 R: 11 S: 9-16-33 disposal: 6						
63987	N,N-Diacetylaminorhodanine PROSYNTH® <i>N-N-Diacétylaminorhodanine / N,N-Diacetilaminorodanina</i> (CH ₃ CO) ₂ NNC ₅ H ₄ SO ₂ C ₇ H ₈ N ₂ O ₃ S ₂ M = 232,28 g/mol melting range 94–96 °C Diacetyldioxime see Dimethylglyoxime	FL. 2935	1 g	77,50	65,90	62,—	58,1
33124	Diacetylmonoxime R. G. <i>Diacétylmonoxime / Diacetilmonoxima</i> CH ₃ COC(NO ₂)CH ₃ C ₄ H ₇ NO ₂ M = 101,10 g/mol assay min. 99% melting range 74–76 °C sulfated ash max. 0,05%	WG. 2929	100 g	63,—	53,55	50,40	47,2

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
5850	Diallate Mixture of <i>cis</i>- and <i>trans</i>-isomers min. 99% PESTANAL® (N,N-Di-<i>iso</i>-propyl-2,3-dichloroallyl thiocarbamate) [(CH₃)₂CH]₂NCOSCH₂CCl=CHCl C₁₀H₁₇Cl₂NOS M=270,22 g/mol keep in refrigerator à stocker dans le frigidaire almacenje en la nevera	FL. 2931	2 g	56,50	48,05	45,20	42,40
62434	Diallylamine PROSYNTH® Diallylamine / Dialilamina (CH₂=CHCH₂)₂NH C₆H₁₁N M=97,16 g/mol 1 L ≈ 0,79 kg assay (GC) 98% boiling range 110–112 °C refractive index (n_D²⁰) 1,440	FL. 2922	100 ml	11,75	10,—	9,40	8,80
63355	Diallyl disulphide PROSYNTH® Diallyle disulfure / Dialilo disulfuro CH₂=CHCH₂SSCH₂CH=CH₂ C₆H₁₀S₂ M=146,28 g/mol 1 L ≈ 1,01 kg assay (GC) 65% containing diallyl sulphide R: 10 disposal: 15	FL. 2931	100 ml	119,—	101,15	95,20	89,25
	Diallyl malonic acid diethyl ester see Diethyl diallylmalonate						
33956	Diamine light turquoise blue FBL for microscopy Diamine-clair-turquoise bleu FBL / Diamino-luz-turquesa azul FBL	WG. 3205	25 g	12,—	10,20	9,60	9,—
63356	1,4-Diaminoanthraquinone PROSYNTH® 1-4-Diaminoanthraquinone / 1,4-Diaminoantraquinona O=C₆H₄CO=C₆H₂(NH₂)₂ C₁₄H₁₀N₂O₂ M=238,25 g/mol assay (ex N) 96% melting range 255–260 °C	WG. 2923	100 g	17,50	14,90	14,—	13,15
	1,4-Diaminobenzene see 1,4-Phenylenediamine						
64476	3,4-Diaminobenzoic acid PROSYNTH® Acide diamino-3-4-benzoïque / Acido 3,4-diaminobenzóico (NH₂)₂C₆H₃COOH C₇H₈N₂O₂ M=152,15 g/mol assay (alkalimetric) 98% melting range 213–216 °C (disint.)	WG. 2923	25 g	27,25	23,15	21,80	20,45
62435	3,5-Diaminobenzoic acid PROSYNTH® Acide diamino-3-5-benzoïque / Acido 3,5-diaminobenzóico (NH₂)₂C₆H₃COOH C₇H₈N₂O₂ M=152,15 g/mol assay (alkalimetric) 98% melting range 239–242 °C (disint.)	PF. 2923	100 g	25,25	21,45	20,20	18,95
	4,4'-Diamino-[1,1']-binaphthyl see Naphthidine						
	1,4-Diaminobutane see Tetramethylenediamine						
63358	DL-2,4-Diaminobutyryl dihydrochloride PROSYNTH® DL-2-4-Diaminobutyryle dichlorhydrate / DL-2,4- Diaminobutirilo diclorhidrato NH₂CH₂CH₂CH(NH₂)COOH · 2HCl C₄H₁₂Cl₂N₂O₂ M=191,06 g/mol assay (ex N) 99% melting range 197–199 °C (disint.)	FL. 2923	1 g	32,25	27,40	25,80	24,20

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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
1,2-Diaminocyclohexanetetraacetic acid see IDRANAL® IV							
64477	4,4'-Diaminodicyclohexylmethane PROSYNTH® <i>Diamino-4-4'-dicyclohexylméthane /</i> <i>4,4'-Diaminodicyclohexilmetano</i> <chem>CH2(C6H10NH2)2</chem> <chem>C13H26N2</chem> $M = 210,36$ g/mol assay (GC) 98% melting range 35–37 °C	WG. 2922	250 g	31,75	27,—	25,40	23,—
4,4'-Diamino-3,3'-dimethyldiphenyl see o-Tolidine							
64478	4,4'-Diaminodiphenylammonium sulphate dihydrate PROSYNTH® <i>Diamino-4-4'-diphénylammonium sulfate dihydrate /</i> <i>4,4'-Diaminodifenilamonio sulfato dihidrato</i> <chem>(NH2C6H4)2NH · H2SO4 · 2H2O</chem> <chem>C12H15N3O4S · 2H2O</chem> $M = 333,36$ g/mol assay (ex N) 98%	WG. 2922	100 g	26,25	22,30	21,—	19,—
63992	4,4'-Diaminodiphenyl disulphide PROSYNTH® <i>Diamino-4-4'-diphényle disulfure / 4,4'-Diaminodifenilo</i> <i>disulfuro</i> <chem>C12H12N2S2</chem> $M = 248,37$ g/mol assay (ex N) 95% melting range 74–76 °C	WG. 2931	5 g	56,—	47,60	44,80	42,—
63993	4,4'-Diaminodiphenyl ether PROSYNTH® <i>Ether 4-4'-diaminodiphénylique / Eter 4,4'-diaminodifenilico</i> <chem>O(C6H4NH2)2</chem> <chem>C12H12N2O</chem> $M = 200,24$ g/mol assay 98% melting range 188–191 °C	WG. 2923	100 g	35,50	30,20	28,40	26,60
62436 A 6.1/21G C 6.1 2811 2	4,4'-Diaminodiphenylmethane PROSYNTH® <i>4-4'-Diaminodiphénylméthane / 4,4'-Diaminodifenilmetano</i> <chem>(NH2C6H4)2CH2</chem> <chem>C13H14N2</chem> $M = 198,27$ g/mol assay (GC) 98% melting range 88–91 °C  R: 20/21/22 disposal: 19	WG. 2922	1 kg	43,75	37,20	35,—	33,70
62437	4,4'-Diaminodiphenylsulphone PROSYNTH® <i>4-4'-Diaminodiphénylsulfone / 4,4'-Diaminodifenilsulfona</i> <chem>(NH2C6H4)2SO2</chem> <chem>C12H12N2O2S</chem> $M = 248,30$ g/mol assay 99% melting range 176–178 °C	PF. 2931	250 g	35,—	29,75	28,—	26,25
63359 A 8/35 C 8 1760 2	3,3'-Diaminodipropylamine PROSYNTH® <i>3-3'-Diaminodipropylamine / 3,3'-Diaminodipropilamina</i> <chem>(NH2CH2CH2CH2)2NH</chem> <chem>C6H17N3</chem> $M = 131,22$ g/mol 1 L ≈ 0,93 kg assay (GC) 95% boiling range (at 27 mbar) 127–130 °C	FL. 2922	50 ml	24,75	21,05	19,80	18,55
1,12-Diaminododecane see Dodecamethylenediamine							
64508	3,6-Diaminodurene PROSYNTH® <i>3-6-Diaminodurène / 3,6-Diaminodureno</i> <chem>(NH2)2C6(CH3)4</chem> <chem>C10H16N2</chem> $M = 164,25$ g/mol assay 99% melting range 152–154 °C	WG. 2922	10 g	18,75	15,95	15,—	14,05

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			1x	6x	24x	96x	
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5070	1,2-Diaminoethane abt. 98% technical	FL.	1 L	20,75	17,65	16,60	16,—
8/35	1-2-Diaminoéthane / 1,2-Diaminoetano	FL.	2,5 L	44,25	36,75	34,50	33,20
8 1604 2	H ₂ NCH ₂ CH ₂ NH ₂	STP.	50 kg	price on request			
34 °C	C ₂ H ₈ N ₂ M = 60,10 g/mol 1 L ≈ 0,90 kg	2922					
	 R: 10-20/21/22 S: 26 disposal: 19						
5068	1,2-Diaminoethane solution 75—80% technical	FL.	1 L	20,25	17,20	16,20	15,60
8/35	1-2-Diaminoéthane en solution / 1,2-Diaminoetano en	STP.	50 kg	price on request			
8 1604 2	solución	2922					
34 °C	H ₂ NCH ₂ CH ₂ NH ₂						
	C ₂ H ₈ N ₂ M = 60,10 g/mol 1 L ≈ 0,97 kg						
	 R: 10-20/21/22 S: 26 disposal: 19						
63360	2,7-Diaminofluorene PROSYNTH®	FL.	1 g	40,75	34,65	32,60	30,55
6.1/21G	2-7-Diaminofluorène / 2,7-Diaminofluoreno	2922					
3.1 2811 2	NH ₂ C ₆ H ₃ C ₆ H ₃ (NH ₂)CH ₂						
	C ₁₃ H ₁₂ N ₂ M = 196,25 g/mol						
	assay (ex N) 97%						
	melting range 163—165 °C						
61299	1,2-Diamino-4-fluorobenzene PROSYNTH®	WG.	5 g	207,—	175,95	165,60	155,25
	1-2-Diamino-4-fluorobenzène / 1,2-Diamino-4-	2922					
	fluorobenceno						
	(NH ₂) ₂ C ₆ H ₃ F						
	C ₆ H ₇ FN ₂ M = 126,13 g/mol						
	assay (GC) 99%						
	Diaminohexane see Hexamethylenediamine						
64507	1,6-Diaminohexane-N,N,N',N'-tetraacetic acid PROSYNTH®	WG.	10 g	39,25	33,35	31,40	29,45
	Acide 1-6-diaminohexane-N-N-N'-N'-tétraacétique / Acido	2923					
	1,6-diaminohexano-N,N,N',N'-tetraacético						
	(HOOCCH ₂) ₂ N(CH ₂) ₆ N(CH ₂ COOH) ₂						
	C ₁₄ H ₂₄ N ₂ O ₈ M = 348,35 g/mol						
	assay 97%						
	melting range 232—236 °C (disint.)						
	2,6-Diaminohexanoic acid see 2,6-Diaminopimelic acid						
63994	4,5-Diamino-6-hydroxy-2-mercaptopyrimidine PROSYNTH®	WG.	25 g	25,25	21,45	20,20	18,95
	4-5-Diamino-6-hydroxy-2-mercaptopyrimidine /	2935					
	4,5-Diamino-6-hidroxi-2-mercaptopirimidina						
	N = C(SH)N = C(NH ₂)C(NH ₂) = COH						
	C ₄ H ₆ N ₄ OS M = 158,18 g/mol						
63995	2,4-Diamino-6-hydroxy-5-nitrosopyrimidine PROSYNTH®	WG.	10 g	25,75	21,90	20,60	19,30
	2-4-Diamino-6-hydroxy-5-nitrosopyrimidine / 2,4-Diamino-	2935					
	6-hidroxi-5-nitrosopirimidina						
	N = C(NH ₂)N = C(NH ₂)C(NO) = COH						
	C ₄ H ₅ N ₅ O ₂ M = 155,12 g/mol						
63996	3,4-Diamino-5-hydroxypyrazole sulphate PROSYNTH®	FL.	1 g	23,—	19,55	18,40	17,25
	3-4-Diamino-5-hydroxypyrazole sulfate / 3,4-Diamino-5-	2935					
	hidroxipirazolo sulfato						
	C ₆ H ₁₄ N ₆ O ₆ S M = 326,29 g/mol						
63997	2,4-Diamino-6-hydroxypyrimidine monohydrate	WG.	50 g	28,50	24,25	22,80	21,40
	PROSYNTH®	2935					
	2-4-Diamino-6-hydroxypyrimidine monohydrate /						
	2,4-Diamino-6-hidroxipirimidina monohidrato						
	N = C(NH ₂)N = C(NH ₂)CH = COH · H ₂ O						
	C ₄ H ₈ N ₄ O · H ₂ O M = 144,13 g/mol						
	assay (ex N) 98%						
	melting range 285—287 °C (disint.)						

Code-Number
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Type of package
B.T.N.

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package DM

1x
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6x
(4 Boxes)

24x
(16 Boxes)



64765	4,5-Diamino-6-hydroxypyrimidine sulphate PROSYNTH® <i>4-5-Diamino-6-hydroxypyrimidinesulfate / 4,5-Diamino-6-hidroxiipirimidinsulfato</i> $\text{N} = \text{CHN} = \text{C}(\text{NH}_2)\text{C}(\text{NH}_2) = \text{C}(\text{OH}) \cdot \text{H}_2\text{SO}_4$ $\text{C}_4\text{H}_8\text{N}_4\text{O}_5\text{S} \quad M = 224,20 \text{ g/mol}$ assay (UV) 97%	WG. 2935	5 g	27,25	23,15	21,80	2
63998	4,6-Diamino-2-mercaptopyrimidine PROSYNTH® <i>4-6-Diamino-2-mercaptopyrimidine / 4,6-Diamino-2-mercaptopirimidina</i> $\text{N} = \text{C}(\text{SH})\text{N} = \text{C}(\text{NH}_2)\text{CH} = \text{CNH}_2$ $\text{C}_4\text{H}_6\text{N}_4\text{S} \quad M = 142,18 \text{ g/mol}$ assay (ex N) 98%	WG. 2935	25 g	20,25	17,20	16,20	1
	Diaminomethane dihydrochloride see Methylenediamine dihydrochloride						
	Diaminonaphthalene see Naphthalenediamine						
64743	2,5-Diaminonitrobenzene PROSYNTH® <i>2-5-Diaminonitrobenzène / 2,5-Diaminonitrobenceno</i> $\text{NO}_2\text{C}_6\text{H}_3(\text{NH}_2)_2$ $\text{C}_6\text{H}_7\text{N}_3\text{O}_2 \quad M = 153,14 \text{ g/mol}$ assay (HPLC) 96% melting range 135—138 °C	WG. 2922	100 g	36,25	30,80	29,—	27
	 R: 20/21/22 S: 28 disposal: 11						
63361	3,4-Diaminonitrobenzene PROSYNTH® <i>3-4-Diaminonitrobenzène / 3,4-Diaminonitrobenceno</i> $\text{NO}_2\text{C}_6\text{H}_3(\text{NH}_2)_2$ $\text{C}_6\text{H}_7\text{N}_3\text{O}_2 \quad M = 153,14 \text{ g/mol}$ assay (HPLC) 97% melting range 201—203 °C	WG. 2922	100 g	23,—	19,55	18,40	17
	 R: 20/21/22 S: 28 disposal: 11						
	1,5-Diaminopentane see Pentamethylenediamine						
	2,7-Diaminophenazathionium chloride see Thionine						
63362	2,4-Diaminophenol dihydrochloride PROSYNTH® <i>2-4-Diaminophénol dichlorhydrate / 2,4-Diaminofenol diclorhidrato</i> $\text{HOC}_6\text{H}_3(\text{NH}_2)_2 \cdot 2\text{HCl}$ $\text{C}_6\text{H}_{10}\text{Cl}_2\text{N}_2\text{O} \quad M = 197,06 \text{ g/mol}$ assay (ex Cl) 98%	WG. 2923	100 g	20,75	17,65	16,60	15
	A 6.1/210 C 6.1 2811 2						
63251	2,4-Diamino-6-phenyl-1,3,5-triazine PROSYNTH® <i>2-4-Diamino-6-phényl-1-3-5-triazine / 2,4-Diamino-6-fenil-1,3,5-triacina</i> $\text{C}_6\text{H}_5\text{C} = \text{NC}(\text{NH}_2) = \text{NC}(\text{NH}_2) = \text{N}$ $\text{C}_9\text{H}_9\text{N}_5 \quad M = 187,21 \text{ g/mol}$ melting range 219—221 °C	PF. 2935	1 kg	49,50	42,10	39,60	38
63999	2,6-Diaminopimelic acid PROSYNTH® <i>Acide 2-6-diaminopimélique / Acido 2,6-diaminopimélico</i> $\text{HOOCCH}(\text{NH}_2)(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_7\text{H}_{14}\text{N}_2\text{O}_4 \quad M = 190,20 \text{ g/mol}$ assay (ex N) 96%	FL. 2923	1 g	47,50	40,40	38,—	35
	Diaminopropanes see Propanediamines						
62438	2,3-Diaminopyridine PROSYNTH® <i>2-3-Diaminopyridine / 2,3-Diaminopiridina</i> $\text{N} = \text{C}(\text{NH}_2)\text{C}(\text{NH}_2) = \text{CHCH} = \text{CH}$ $\text{C}_5\text{H}_7\text{N}_3 \quad M = 109,13 \text{ g/mol}$ assay (GC) 98% melting range 112—115 °C	WG. 2935	5 g	66,—	56,10	52,80	49,5
	A 6.1/21H C 6.1 2811 2						

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62439	2,6-Diaminopyridine PROSYNTH® <i>2-6-Diaminopyridine / 2,6-Diaminopiridina</i> $N=C(NH_2)CH=CHCH=CNH_2$ $C_5H_7N_3$ $M=109,13$ g/mol assay (GC) 98% melting range 118–121 °C	WG. 2935	100 g	34,50	29,35	27,60	25,90
63329	3,4-Diaminopyridine PROSYNTH® <i>3-4-Diaminopyridine / 3,4-Diaminopiridina</i> $N=CHC(NH_2)=C(NH_2)CH=CH$ $C_5H_7N_3$ $M=109,13$ g/mol assay 98% melting range 212–216 °C	FL. 2935	1 g	25,25	21,45	20,20	18,95
62440	4,4'-Diamino-2,2'-stilbenedisulphonic acid PROSYNTH® <i>Acide 4-4'-diamino-2-2'-stilbènedisulfonique / Acido 4,4'-diamino-2,2'-estilbenodisulfónico</i> $NH_2C_6H_3(SO_3H)CH=CHC_6H_3(SO_3H)NH_2$ $C_{14}H_{14}N_2O_6S_2$ $M=370,41$ g/mol assay (alkalimetric) 96% 2,6-Diaminotoluene see 2-Methyl-1,3-phenylenediamine 3,4-Diaminotoluene see 4-Methyl-1,2-phenylenediamine 1,11-Diamino-3,6,9-triazaundecane see Tetraethylenepentamine	PF. 2922	250 g	43,25	36,75	34,60	32,45
64740	3,5-Diamino-1,2,4-triazole PROSYNTH® <i>3-5-Diamino-1-2-4-triazole / 3,5-Diamino-1,2,4-triazolo</i> $NHN=C(NH_2)N=CNH_2$ $C_2H_5N_5$ $M=99,10$ g/mol assay 98% melting range 202–205 °C	WG. 2935	10 g	34,—	28,90	27,20	25,50
39410	4,5-Diaminouracil sulphate-(5,6) BIOSYNTH® <i>4-4-Diaminouracile sulfate-(5-6) / 4,5-Diaminouracilo sulfato-(5,6)</i> $[N=C(OH)N=C(OH)C(NH_2)=CNH_2]_2 \cdot H_2SO_4$ $C_8H_{14}N_8O_8S$ $M=382,31$ g/mol 4,5-Diamino-o-xylene see 4,5-Dimethyl-o-phenylenediamine Diammonium hydrogen citrate see <i>di</i> -Ammonium hydrogen citrate Diammonium hydrogen phosphate see <i>di</i> -Ammonium hydrogen phosphate	WG. 2935	5 g	22,25	18,90	17,80	16,70
32647	Diamond fuchsin for microscopy (C. I. No. 42510, S. No. 780) <i>Fuchsine diamant / Fucsina diamante</i> Diamond green B see Malachite green Diamond green G see Brilliant green Diamond ink see Ink for glas etching Diamylamine see Dipentylamine	WG. WG. WG. 3205	25 g 100 g 500 g	17,75 56,— 240,—	15,10 47,60 204,—	14,20 44,80 192,—	13,30 42,— 184,80
62441	Di-iso-amyl ether PROSYNTH® <i>Ether di-iso-amylque / Eter di-iso-amilico</i> $(CH_3)_2CHCH_2CH_2OCH_2CH_2CH(CH_3)_2$ $C_{10}H_{22}O$ $M=158,28$ g/mol $1\text{ L} \approx 0,78\text{ kg}$ assay (GC) 97% boiling range 170–172 °C refractive index (n_D^{20}) 1,409 R: 10 disposal: 6	FL. 2908	250 ml	18,—	15,30	14,40	13,50

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B.T.N.


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(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)






33193	o-Dianisidine R. G., containing 30—40% water for safety reasons A 6.1/210 C 6.1 2811 2 <i>o-Dianisidine / o-Dianisidina</i> $\text{CH}_3\text{O}(\text{NH}_2)\text{C}_6\text{H}_3\text{C}_6\text{H}_3(\text{NH}_2)\text{OCH}_3$ $\text{C}_{14}\text{H}_{16}\text{N}_2\text{O}_2$ $M = 244,29$ g/mol  R: 26/27/28-33 S: 28-36/37-45 disposal: 19	WG. 2923	50 g	30,—	25,50	24,—	22,—
33194	1,1'-Dianthrimide R. G. [Di-(1,1'-anthraquinonyl)-amine] <i>1-1'-Dianthrimide / 1,1'-Diantrimida</i> $(\text{COC}_6\text{H}_4\text{COC}_6\text{H}_3)_2\text{NH}$ $\text{C}_{28}\text{H}_{15}\text{NO}_4$ $M = 429,43$ g/mol Diantimony trisulphide see Antimony(III) sulphide	WG. 2923	10 g	24,—	20,40	19,20	18,—
15416	Diastase (Maltin) <i>Diastase / Diastasa</i>	PF. PF. 3507	100 g 1 kg	10,— 72,50	8,50 61,65	8,— 58,—	7,— 55,—
64481	1,5-Diazabicyclo[4.3.0]non-5-ene PROSYNTH® <i>Diaza-1-5-bicyclo[4-3-0]nonène-5 / 1,5-Diazabicyclo[4.3.0]non-5-eno</i> $\text{C}_7\text{H}_{12}\text{N}_2$ $M = 124,19$ g/mol 1 L \approx 1,04 kg	FL. 2935	25 ml	54,—	45,90	43,20	40,—
63786	1,4-Diazabicyclo[2.2.2]octane PROSYNTH® <i>1-4-Diazabicyclo[2-2-2]octane / 1,4-Diazabicyclo[2,2,2]octano</i> $\text{C}_6\text{H}_{12}\text{N}_2$ $M = 112,17$ g/mol assay (ex N) 98% melting range 157—160 °C	WG. 2935	50 g	24,75	21,05	19,80	18,—
64687	1,5-Diazabicyclo[5.4.0]undec-5-ene PROSYNTH® <i>Diaza-1-5-bicyclo[5.4.0]undécène-5 / 1,5-Diazabicyclo[5,4,0]undec-5-eno</i> $\text{C}_9\text{H}_{16}\text{N}_2$ $M = 152,24$ g/mol 1 L \approx 1,02 kg assay (GC) 97% boiling range (at 0,8 mbar) 80—83 °C refractive index (n_D^{20}) 1,518 1,4-Diazine see Pyrazine	FL. 2928	25 ml	44,25	37,60	35,40	33,—
32778	Diazine green (C. I. No. 11050, S. No. 282) <i>Vert diazine / Verde de diazina</i> $\text{C}_{30}\text{H}_{31}\text{ClN}_6$ $M = 511,07$ g/mol	WG. 3205	25 g	93,—	79,05	74,40	69,70
35851	Diazinon min. 99% PESTANAL® (O,O-Diethyl-O-[2-isopropyl-6-methyl-pyrimidinyl-(4)]-phosphoromonothioate) A 6.1/83A1 C 6.1 1615 3 $(\text{CH}_3\text{CH}_2\text{O})_2\text{P}(\text{S})\text{OC}=\text{CHC}(\text{CH}_3)=\text{NC}[\text{CH}(\text{CH}_3)_2]=\text{N}$ $\text{C}_{12}\text{H}_{21}\text{N}_2\text{O}_3\text{PS}$ $M = 304,35$ g/mol keep in refrigerator à stocker dans le frigidaire almacenje en la nevera  R: 23/24/25 S: 2-13-44 disposal: 7 Diazo see Ehrlich's diazo reagent	FL. 2935	2 g	56,50	48,05	45,20	42,40
64713	Dibenzenesulphimide PROSYNTH® <i>Dibenzènesulfimide / Dibencenosulfimida</i> $(\text{C}_6\text{H}_5\text{SO}_2)_2\text{NH}$ $\text{C}_{12}\text{H}_{11}\text{NO}_4\text{S}_2$ $M = 297,35$ g/mol assay 98% melting range 154—157 °C	WG. 2926	5 g	30,—	25,50	24,—	22,50
64820	Dibenzo-18-crown-6 PROSYNTH® <i>Dibenzo-18-couronne-6 / Dibenzo-18-corona-6</i> $\text{C}_{20}\text{H}_{24}\text{O}_6$ $M = 360,41$ g/mol assay (UV) 98% melting range 161—163 °C	FL. 2908	1 g	13,75	11,70	11,—	10,30

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
442	Dibenzofuran PROSYNTH® <i>Dibenzofuranne / Dibenzofurano</i> $C_{12}H_8O$ $M = 168,19 \text{ g/mol}$ assay (GC) 97% melting range 81–83 °C	WG. 2935	1 kg	58,50	49,75	46,80	45,05
	Dibenzopyrazine see Phenazine 2,3,5,6-Dibenzopyridine see Acridine Dibenzopyrrole see Carbazole						
443	Dibenzosuberone PROSYNTH® <i>Dibenzosubérone / Dibenzosuberona</i> $C_{15}H_{12}O$ $M = 208,26 \text{ g/mol}$ 1 L ≈ 1,18 kg assay (GC) 99% boiling range (at 0,4 mbar) 148–150 °C refractive index (n_D^{20}) 1,635	FL. 2913	25 ml	14,75	12,55	11,80	11,05
444	Dibenzothiophene PROSYNTH® <i>Dibenzothiophène / Dibenzotiofeno</i> $C_{12}H_8S$ $M = 184,26 \text{ g/mol}$ assay (GC) 97% melting range 97–99 °C	WG. 2935	10 g	18,50	15,75	14,80	13,90
124	Dibenzoylmethane PROSYNTH® (1,3-diphenyl-1,3-propanedione) <i>Dibenzoylméthane / Dibenzoilmetano</i> $(C_6H_5CO)_2CH_2$ $C_{15}H_{12}O_2$ $M = 224,26 \text{ g/mol}$ assay (GC) 98% melting range 75–77 °C	WG. 2913	100 g	95,—	80,75	76,—	71,25
1001	1,5-Dibenzoylnaphthalene PROSYNTH® <i>1-5-Dibenzoylnaphtalène / 1,5-Dibenzoilnaftaleno</i> $(C_6H_5CO)_2C_{10}H_6$ $C_{24}H_{16}O_2$ $M = 336,39 \text{ g/mol}$ melting range 185–187 °C	WG. 2913	10 g	42,—	35,70	33,60	31,50
3330	Dibenzoyl-D(+)-tartaric acid monohydrate PROSYNTH® <i>Acide dibenzoyl-D(+)-tartrique monohydraté / Acido dibenzoil-D(+)-tartárico monohidrato</i> $C_6H_5COOCH(COOH)CH(COOH)OCOC_6H_5 \cdot H_2O$ $C_{18}H_{14}O_8 \cdot H_2O$ $M = 376,32 \text{ g/mol}$ assay (alkalimetric) 98% melting range 90–92 °C spec. rotation ($[\alpha]_D^{20}$; c = 10 in C_2H_5OH) +110 ± 5°	WG. 2916	10 g	23,—	19,55	18,40	17,25
2445	Dibenzoyl-L(-)-tartaric acid monohydrate PROSYNTH® <i>Acide dibenzoyl-L(-)-tartrique monohydraté / Acido dibenzoil-L(-)-tartárico monohidrato</i> $C_6H_5COOCH(COOH)CH(COOH)OCOC_6H_5 \cdot H_2O$ $C_{18}H_{14}O_8 \cdot H_2O$ $M = 376,32 \text{ g/mol}$ assay (alkalimetric) 98% melting range 88–91 °C spec. rotation ($[\alpha]_D^{20}$; c = 10 in C_2H_5OH) –110 ± 5°	PF. 2916	100 g	40,75	34,65	32,60	30,55
2447	Dibenzylamine PROSYNTH® <i>Dibenzylamine / Dibencilamina</i> $(C_6H_5CH_2)_2NH$ $C_{14}H_{15}N$ $M = 197,28 \text{ g/mol}$ 1 L ≈ 1,03 kg assay (GC) 98% boiling range (at 52 mbar) 213–215 °C refractive index (n_D^{20}) 1,573	FL. 2922	250 ml	38,75	32,95	31,—	29,05

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	(16)
64002	N,N-Dibenzyl-2-chloroethylamine hydrochloride PROSYNTH® <i>N,N-Dibenzyle-2-chloroéthylamine chlorhydrate /</i> <i>N,N-Dibencil-2-cloroetilamina clorhidrato</i> $(C_6H_5CH_2)_2NCH_2CH_2Cl \cdot HCl$ $C_{16}H_{19}Cl_2N$ $M = 296,24$ g/mol assay (ex N) 95% melting range 179–182 °C	WG. 2922	10 g	49,50	42,10	39,60	3
15905	Dibenzyl disulphide <i>Dibenzyle disulfure / Dibencilo disulfuro</i> $(C_6H_5CH_2S)_2$ $C_{14}H_{14}S_2$ $M = 246,40$ g/mol assay of sulphur 25,5% melting point 70 °C copper strips test passes test	WG. FTP. 2931	1 kg 50 kg	34,50 price on request	29,35	27,60	2
62446	Dibenzyl ether PROSYNTH® <i>Ether dibenzilyque / Eter dibencilico</i> $(C_6H_5CH_2)_2O$ $C_{14}H_{14}O$ $M = 198,26$ g/mol $1\text{ L} \approx 1,04$ kg assay (GC) 98% boiling range (at 13 mbar) 158–160 °C refractive index (n_D^{20}) 1,562 Dibenzylidenehydrazine see Benzalazine Dibenzyl ketone see Benzophenone	FL. 2908	1 L	30,—	25,50	24,—	2
64003	2,4-Dibenzylpyridine PROSYNTH® <i>2,4-Dibenzylpyridine / 2,4-Dibencilpiridina</i> $N = C(CH_2C_6H_5)CH = C(CH_2C_6H_5)CH = CH$ $C_{19}H_{17}N$ $M = 259,35$ g/mol assay (ex N) 98%	FL. 2935	25 g	25,25	21,45	20,20	1
64004	Dibenzyl succinate PROSYNTH® <i>Dibenzyle succinate / Dibencilo succinato</i> $C_6H_5CH_2OCOCH_2CH_2COOCH_2C_6H_5$ $C_{18}H_{18}O_4$ $M = 298,34$ g/mol assay (HPLC) 99% melting range 44–46 °C	WG. 2915	250 g	30,—	25,50	24,—	22
64651	Dibenzyl sulphide PROSYNTH® <i>Dibenzyle sulfure / Dibencilo sulfuro</i> $(C_6H_5CH_2)_2S$ $C_{14}H_{14}S$ $M = 214,33$ g/mol assay (ex S) 97% melting range 45–48 °C	WG. 2931	100 g	26,—	22,10	20,80	19
64484	Dibenzyl sulphoxide PROSYNTH® <i>Dibenzyle sulfoxyde / Dibencilo sulfóxido</i> $(C_6H_5CH_2)_2SO$ $C_{14}H_{14}OS$ $M = 230,33$ g/mol assay (ex S) 95% melting range 130–132 °C N,N'-Dibenzylthiourea see 1,3-Dibenzylthiourea	WG. 2931	100 g	16,25	13,80	13,—	12
62448	1,3-Dibenzylthiourea PROSYNTH® <i>1,3-Dibenzylthiourée / 1,3-Dibenciltiourea</i> $C_6H_5CH_2NHCSNHCH_2C_6H_5$ $C_{15}H_{16}N_2S$ $M = 256,37$ g/mol assay (ex N) 99% melting range 145–147 °C	PF. 2931	250 g	47,50	40,40	38,—	35

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
5877 6.1/83A1 6.1615 3	Dibrom min. 99% PESTANAL® (O,O-Dimethyl-O-(1,2-Dibromo-2,2-dichloroethyl]-phosphoric acid ester) (CH ₃ O) ₂ P(O)OCHBrCBrCl ₂ C ₄ H ₇ Br ₂ Cl ₂ O ₄ P M = 380,78 g/mol keep in refrigerator à stocker dans le frigidaire almacenje en la nevera	FL. 2919	2 g	56,50	48,05	45,20	42,40
4379 8/21A1 8 1759 2	Dibromoacetic acid PROSYNTH® <i>Acide dibromoacétique / Acido dibromoacético</i> Br ₂ CHCOOH C ₂ H ₂ Br ₂ O ₂ M = 217,84 g/mol assay (ex Br) 90% melting range 33–36 °C  R: 35 S: 26 disposal: 21	FL. 2914	5 g	28,75	24,45	23,—	21,55
2449 6.1/23C 6.1 2811 2	ω,4-Dibromoacetophenone PROSYNTH® <i>ω,4-Dibromoacétophénone / ω,4-Dibromoacetofenona</i> BrC ₆ H ₄ COCH ₂ Br C ₈ H ₆ Br ₂ O M = 277,94 g/mol assay (ex Br) 98% melting range 108–111 °C	WG. 2913	50 g	60,—	51,—	48,—	45,—
3369 6.1/21E 6.1 2811 2	2,4-Dibromoaniline PROSYNTH® <i>2-4-Dibromoaniline / 2,4-Dibromoanilina</i> Br ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ Br ₂ N M = 250,92 g/mol assay (GC) 98% melting range 79–81 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. WG. 2922	† 10 g 50 g	29,— 115,—	24,65 97,75	92,—	86,25
3370 6.1/21E 6.1 2811 2	2,5-Dibromoaniline PROSYNTH® <i>2-5-Dibromoaniline / 2,5-Dibromoanilina</i> Br ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ Br ₂ N M = 250,92 g/mol assay (GC) 95% melting range 49–52 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	10 g	34,—	28,90	27,20	25,50
3405 6.1/21E 6.1 2811 2	2,6-Dibromoaniline PROSYNTH® <i>2-6-Dibromoaniline / 2,6-Dibromoanilina</i> Br ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ Br ₂ N M = 250,92 g/mol assay (GC) 99% melting range 81–83 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	25 g	120,—	102,—	96,—	90,—
2451 6.1/61 6.1 1610 3	1,2-Dibromobenzene PROSYNTH® <i>1-2-Dibromobenzène / 1,2-Dibromobenceno</i> C ₆ H ₄ Br ₂ M = 235,91 g/mol 1 L ≈ 1,98 kg assay (GC) 98% boiling range (at 13 mbar) 90–92 °C refractive index (n _D ²⁰) 1,610	FL. 2902	5 ml	45,25	38,45	36,20	33,95
3463 6.1/61 6.3.3 2711 3 +47 °C	1,3-Dibromobenzene PROSYNTH® <i>1-3-Dibromobenzène / 1,3-Dibromobenceno</i> C ₆ H ₄ Br ₂ M = 235,91 g/mol 1 L ≈ 1,95 kg assay (GC) 97% boiling range 216–218 °C refractive index (n _D ²⁰) 1,608	FL. 2902	5 ml	26,75	22,75	21,40	20,05

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	
				(1 Box)	(4 Boxes)	(1)	
60127 A 6.1/61 C 9 *1592 3	1,4-Dibromobenzene PROSYNTH® <i>1-4-Dibromobenzène / 1,4-Dibromobenceno</i> <chem>C6H4Br2</chem> <i>M</i> = 235,91 g/mol assay (GC) 98% melting range 86–88 °C	WG. 2902	250 g	28,—	23,80	22,40	
63371	2,5-Dibromobenzoic acid PROSYNTH® <i>Acide 2-5-dibromobenzoïque / Acido 2,5-dibromobenzóico</i> <chem>Br2C6H3COOH</chem> <chem>C7H4Br2O2</chem> <i>M</i> = 279,92 g/mol assay (alkalimetric) 98%	WG. 2914	10 g	90,50	76,95	72,40	
64006	4,4'-Dibromobiphenyl PROSYNTH® <i>4-4'-Dibromobiphényle / 4,4'-Dibromobifenilo</i> <chem>BrC6H4C6H4Br</chem> <chem>C12H8Br2</chem> <i>M</i> = 312,00 g/mol	WG. 2902	25 g	26,75	22,75	21,40	
60128 A 6.1/61A C 6.1 2810 3	1,4-Dibromobutane PROSYNTH® (tetramethylene bromide) <i>1-4-Dibromobutane / 1,4-Dibromobutano</i> <chem>Br(CH2)4Br</chem> <chem>C4H8Br2</chem> <i>M</i> = 215,92 g/mol 1 L ≈ 1,83 kg assay (GC) 99% boiling range (at 13 mbar) 76–78 °C refractive index (<i>n</i> _D ²⁰) 1,519	FL. BA. 2902	500 ml 45 kg	69,— price on request	58,65	55,20	
62454 A 6.1/61 C 6.1 1610 3	1,4-Dibromobutene-(2) PROSYNTH® mixture of <i>cis</i>- and <i>trans</i>-isomers <i>1-4-Dibromobutène-(2) / 1,4-Dibromobuteno-(2)</i> <chem>BrCH2CH=CHCH2Br</chem> <chem>C4H6Br2</chem> <i>M</i> = 213,90 g/mol assay (GC) 98% melting range 46–50 °C assay (GC) 98% melting range 46–50 °C	WG. 2902	100 g	60,—	51,—	48,—	
65145 A 6.1/23 C 6.1 1602 3	2,3-Dibromobutene-(2)-diol-(1,4) PROSYNTH® <i>2-3-Dibromobutène-(2)-diol-(1-4) / 2,3-Dibromobuteno-(2)-diol-(1,4)</i> <chem>CH2OHCHBr=CHBrCH2OH</chem> <chem>C4H6Br2O2</chem> <i>M</i> = 245,90 g/mol assay (GC) 98% melting range 112–114 °C	PF. 2904	500 g	97,50	82,90	78,—	7
	 R: 20/21/22 S: 28 disposal: 7						
64005 C 8 1759 2	2,3-Dibromobutyric acid PROSYNTH® <i>Acide 2-3-dibromobutyrique / Acido 2,3-dibromobutírico</i> <chem>CH3CHBrCHBrCOOH</chem> <chem>C4H6Br2O2</chem> <i>M</i> = 245,90 g/mol assay (alkalimetric) 98% melting range 85–87 °C	WG. 2914	25 g	43,25	36,75	34,60	3
	Dibromo-o-cresolsulphonphthalein see Bromocresol purple						
64677	(±)-trans-1,2-Dibromocyclohexane PROSYNTH® <i>(±)-trans-1-2-Dibromocyclohexane / (±)-trans-1,2-Dibromociclohexano</i> <chem>BrCH(CH2)4CHBr</chem> <chem>C6H10Br2</chem> <i>M</i> = 241,95 g/mol 1 L ≈ 1,78 kg assay (GC) 98% boiling range (at 33 mbar) 109–112 °C refractive index (<i>n</i> _D ²⁰) 1,552	FL. 2902	100 ml	57,50	48,90	46,—	4
62455	1,10-Dibromodecane PROSYNTH® <i>1-10-Dibromodécane / 1,10-Dibromodecano</i> <chem>Br(CH2)10Br</chem> <chem>C10H20Br2</chem> <i>M</i> = 300,08 g/mol 1 L ≈ 1,34 kg assay (GC) 96% melting range 25–27 °C	FL. 2902	100 ml	31,50	26,80	25,20	23

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
65146 A 6.1/23 C 6.1 1602 3	2,3-Dibromo-1,4-dichlorobutene-(2) PROSYNTH® <i>2-3-Dibromo-1-4-dichlorobutène-(2) / 2,3-Dibromo-1,4-diclorobutene-(2)</i> $\text{CH}_2\text{ClCBr}=\text{CBrCH}_2\text{Cl}$ $\text{C}_4\text{H}_4\text{Br}_2\text{Cl}_2 \quad M = 282,79 \text{ g/mol}$ assay (GC) 97% melting range 56–58 °C  R: 36/37/38 S: 26 disposal: 7	WG. 2902	250 g	56,50	48,05	45,20	42,40
64601 A 6.1/12C C 6.1 *1702 2	1,2-Dibromo-1,1-dichloroethane PROSYNTH® <i>1-2-Dibromo-1-1-dichloroéthane / 1,2-Dibromo-1,1-dicloroetano</i> $\text{BrCCl}_2\text{CH}_2\text{Br}$ $\text{C}_2\text{H}_2\text{Br}_2\text{Cl}_2 \quad M = 256,71 \text{ g/mol}$ 1 L ≈ 2,26 kg type analyse assay (GC) 97% boiling range (at 16 mbar) 62–65 °C refractive index (n_D^{20}) 1,557  R: 26-36 S: 1-24-27-45 disposal: 13	FL. 2902	100 ml	24,—	20,40	19,20	18,—
Dibromodichlorophenolsulphonphthalein see Bromochlorophenol blue							
61138 A 6.1/12 C 6.1 2810 2	1,2-Dibromo-1,1-difluoroethane PROSYNTH® <i>1-2-Dibromo-1-1-difluoroéthane / 1,2-Dibromo-1,1-difluoroetano</i> $\text{BrCF}_2\text{CH}_2\text{Br}$ $\text{C}_2\text{H}_2\text{Br}_2\text{F}_2 \quad M = 223,84 \text{ g/mol}$ 1 L ≈ 2,22 kg assay (GC) 95% boiling range 92–94 °C  R: 26-36 S: 1-24-27-45 disposal: 13	FL. 2902	25 ml	17,—	14,45	13,60	12,75
63372 C 5.1 1479 2	1,3-Dibromo-5,5-dimethylhydantoin PROSYNTH® <i>1-3-Dibromo-5-5-diméthylhydantoïne / 1,3-Dibromo-5,5-dimetilhidantoína</i> $\text{BrNCONBrCO}(\text{CH}_3)_2$ $\text{C}_5\text{H}_6\text{Br}_2\text{N}_2\text{O}_2 \quad M = 285,92 \text{ g/mol}$ assay (iodometric) 98%	WG. 2925	250 g	19,—	16,15	15,20	14,25
Dibromodinitrofluorescein-sodium see Eosin bluish							
63462	1,12-Dibromododecane PROSYNTH® <i>1-12-Dibromododécane / 1,12-Dibromododecano</i> $\text{Br}(\text{CH}_2)_{12}\text{Br}$ $\text{C}_{12}\text{H}_{24}\text{Br}_2 \quad M = 328,13 \text{ g/mol}$ assay (GC) 98% melting range 37–40 °C	WG. 2902	25 g	28,75	24,45	23,—	21,55
60126 A 6.1/61A C 6.1 1605 2	1,2-Dibromoethane PROSYNTH® <i>1-2-Dibromoéthane / 1,2-Dibromoetano</i> $\text{BrCH}_2\text{CH}_2\text{Br}$ $\text{C}_2\text{H}_4\text{Br}_2 \quad M = 187,86 \text{ g/mol}$ 1 L ≈ 2,17 kg  R: 23/24/25 S: 25-44 disposal: 13	FL. FL. 2902	† 500 ml 1 L	25,25 26,—	22,45 22,10	21,20 20,80	21,20 20,—
02813 A 6.1/61A C 6.1 1605 2	1,2-Dibromoethane <i>1-2-Dibromoéthane / 1,2-Dibromoetano</i> $\text{BrCH}_2\text{CH}_2\text{Br}$ $\text{C}_2\text{H}_4\text{Br}_2 \quad M = 187,86 \text{ g/mol}$ 1 L ≈ 2,17 kg  R: 23/24/25 S: 25-44 disposal: 13	F. 2902	100 kg	price on request			

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

62450 1,2-Dibromoethylene mixture of *cis* and *trans* isomers
A 6.1/61A PROSYNTH®
C 6.1 1610 3 1-2-Dibromoéthylène / 1,2-Dibromoetileno

BrCH=CHBr

C₂H₂Br₂ M=185,85 g/mol

1 L ≈ 2,26 kg

assay (GC) 98%

boiling range 107–111 °C

refractive index (n_D²⁰) 1,543



R: 23/24/25 S: 25-44

disposal: 13

FL.
2902

100 ml 230,— 195,50 184,— 172,—

61203 Dibromofluorobenzene PROSYNTH®
Dibromofluorobenzène / Dibromofluorobenceno

C₆H₃Br₂F M=253,90 g/mol

1 L ≈ 2,05 kg

assay (GC) 99%

2,4-dibromofluorobenzene (NMR) 70%

3,4-dibromofluorobenzene (NMR) 30%

FL.
EKL.
F.
2902

50 ml 60,— 51,— 48,— 45,—

30 kg price on request

200 kg price on request

61490 2,6-Dibromo-4-fluorophenol PROSYNTH®
A 6.1/22 Dibromo-2-6-fluoro-4-phénol / 2,6-Dibromo-4-fluorofenol
C 6.1 2811 3 Br₂FC₆H₂OH

C₆H₃Br₂FO M=269,90 g/mol

assay (GC) 99%

melting range 54–56 °C

WG.
2907

100 g 181,— 153,85 144,80 135,—

61012 1,2-Dibromohexafluoropropane PROSYNTH®
A 6.1/23 1-2-Dibromohexafluoropropane / 1,2-
C 6.1 2810 2 Dibromohexafluoropropano

CF₃CFBrCF₂Br

C₃Br₂F₆ M=309,83 g/mol

1 L ≈ 2,16 kg

assay (GC) 95%

boiling range (at 979 mbar) 69–71 °C

refractive index (n_D²⁰) 1,359

FL.
2902

250 ml 244,— 207,40 195,20 183,—



R: 23/24/25 S: 44

disposal: 9

62456 1,6-Dibromohexane PROSYNTH®
1-6-Dibromohexane / 1,6-Dibromohexano

Br(CH₂)₆Br

C₆H₁₂Br₂ M=243,97 g/mol

1 L ≈ 1,60 kg

assay (GC) 98%

boiling range (at 16 mbar) 108–110 °C

refractive index (n_D²⁰) 1,507

FL.
2902

250 ml 39,— 33,15 31,20 29,—

64008 α,β-Dibromohydrocinnamic acid PROSYNTH®
Acide α-β-dibromohydrocinnamique / Acido α,β-
dibromohidrocinámico

C₆H₅CHBrCHBrCOOH

C₉H₈Br₂O₂ M=307,97 g/mol

assay (alkalimetric) 99%

melting range 201–203 °C

WG.
2914

50 g 60,— 51,— 48,— 45,—

65158 3,5-Dibromo-4-hydroxybenzaldehyde PROSYNTH®
3-5-Dibromo-4-hydroxybenzaldéhyde / 3,5-Dibromo-4-
hidroxibenzaldehido

Br₂C₆H₂(OH)CHO

C₇H₄Br₂O₂ M=279,92 g/mol

assay (ex Br) 98%

WG.
2912

100 g 218,— 185,30 174,40 163,5,—

22055 5,7-Dibromo-8-hydroxyquinoline
5-7-Dibromo-8-hydroxyquinoléine / 5,7-Dibromo-8-
hidroxiquinolina

Br₂C₆H(OH)CH=CHCH=N




C₈H₅Br₂NO M=302,95 g/mol

WG.
FTP.
2935

500 g 58,— 49,30 46,40 44,6,—

25 kg price on request




Dibromomalealdehydic acid see Mucobromic acid





de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
2457	Dibromomethane PROSYNTH® <i>Dibromométhane / Dibromometano</i>	FL. 2902	1 L	109,—	92,65	87,20	83,95
6.1/61							
6.1 2810 3	CH ₂ Br ₂ M = 173,83 g/mol 1 L ≈ 2,50 kg assay (GC) 99% boiling range 96—98 °C refractive index (n _D ²⁰) 1,541						
	 R: 20 S: 24 disposal: 13						
5209	1,4-Dibromonaphthalene PROSYNTH® <i>Dibromo-1-4-naphtalène / 1,4-Dibromonaftaleno</i>	PF. 2902	100 g	price on request			
	C ₆ H ₄ Br = CHCH = CBr C ₁₀ H ₆ Br ₂ M = 285,97 g/mol melting range 77—79 °C						
4007	1,6-Dibromo-2-naphthol-3-carboxylic acid PROSYNTH® <i>Acide 1-6-dibromonaphtol-2-carboxylique-(3) / Acido 1,6-dibromonaftol-2-carboxilico-(3)</i>	WG. 2916	10 g	22,—	18,70	17,60	16,50
	Br ₂ C ₁₀ H ₄ (OH)COOH C ₁₁ H ₆ Br ₂ O ₃ M = 345,97 g/mol assay (alkalimetric) 98%						
55143	2,6-Dibromo-4-nitroaniline PROSYNTH® <i>2-6-Dibromo-4-nitroaniline / 2,6-Dibromo-4-nitroanilina</i>	PF. 2922	500 g	47,—	39,95	37,60	36,20
A 6.1/21E							
C 6.1 2811 2	NH ₂ C ₆ H ₂ Br ₂ NO ₂ C ₆ H ₄ Br ₂ N ₂ O ₂ M = 295,92 g/mol melting range 207—209 °C						
	 R: 26/27/28-33 S: 28-36/37-45 disposal: 20						
63373	2,5-Dibromonitrobenzene PROSYNTH® <i>2-5-Dibromonitrobenzène / 2,5-Dibromonitrobenceno</i>	PF. 2903	50 g	40,—	34,—	32,—	30,—
A 6.1/61K							
C 6.1 2811 2	C ₆ H ₃ Br ₂ NO ₂ M = 280,90 g/mol assay (GC) 98% melting range 83—85 °C						
	2,6-Dibromo-4-nitro-1-hydroxybenzene see 2,6-Dibromo-4-nitrophenol						
63374	2,6-Dibromo-4-nitrophenol PROSYNTH® <i>2-6-Dibromo-4-nitrophénol / 2,6-Dibromo-4-nitrofenol</i>	WG. 2907	100 g	37,75	32,10	30,20	28,30
A 6.1/21K							
C 6.1 2811 3	Br ₂ C ₆ H ₂ (OH)NO ₂ C ₆ H ₃ Br ₂ NO ₃ M = 296,90 g/mol assay 99% melting range 141—143 °C						
	 R: 23/24/25 S: 44 disposal: 20						
64487	1,9-Dibromononane PROSYNTH® <i>1-9-Dibromononane / 1,9-Dibromononano</i>	FL. 2902	10 ml	42,75	36,35	34,20	32,05
	Br(CH ₂) ₉ Br C ₉ H ₁₈ Br ₂ M = 286,05 g/mol 1 L ≈ 1,42 kg assay (GC) 97% boiling range (at 0,3 mbar) 97—99 °C refractive index (n _D ²⁰) 1,496						
64488	1,8-Dibromooctane PROSYNTH® <i>1-8-Dibromooctane / 1,8-Dibromooctano</i>	FL. 2902	25 ml	59,—	50,15	47,20	44,25
	Br(CH ₂) ₈ Br C ₈ H ₁₆ Br ₂ M = 272,02 g/mol 1 L ≈ 1,47 kg assay (GC) 97% boiling range (at 21 mbar) 149—152 °C refractive index (n _D ²⁰) 1,498						

Code-Number
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Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)

62458	1,5-Dibromopentane PROSYNTH® <i>1-5-Dibromopentane / 1,5-Dibromopentano</i> <chem>Br(CH2)5Br</chem> <chem>C5H10Br2</chem> $M = 229,94$ g/mol $1\text{ L} \approx 1,70$ kg assay (GC) 95% boiling range (at 13 mbar) 95–98 °C refractive index (n_D^{20}) 1,512	FL. FL. EKL. F. 2902	† 100 ml 500 ml 30 kg 200 kg	17,— 70,— price on request price on request	14,45 59,50			
64684	2,4-Dibromophenol PROSYNTH® <i>2-4-Dibromophénol / 2,4-Dibromofenol</i> <chem>Br2C6H3OH</chem> <chem>C6H4Br2O</chem> $M = 251,92$ g/mol  R: 20/21/22 S: 2-28 disposal: 7	WG. 2906	250 g	28,75	24,45	23,—	2	
64683	2,6-Dibromophenol PROSYNTH® <i>2-6-Dibromophénol / 2,6-Dibromofenol</i> <chem>Br2C6H3OH</chem> <chem>C6H4Br2O</chem> $M = 251,91$ g/mol assay (HPLC) 99% melting range 53–56 °C  R: 20/21/22 S: 2-28 disposal: 7	FL. 2906	1 g	43,75	37,20	35,—	3	
33183	2,6-Dibromophenolindophenol sodium salt R.G. <i>2-6-Dibromophénolindophénol sel sodique / 2,6-Dibromofenolindofenol sal sódica</i> $O = C_6H_2Br_2 = NC_6H_4ONa$ <chem>C12H6Br2NNaO2</chem> $M = 378,98$ g/mol  R: 20/21/22 S: 2-28 disposal: 7	WG. 2935	10 g	28,50	24,25	22,80	2	
Dibromophenolsulphonphthalein see Bromophenol red								
62459	1,2-Dibromopropane PROSYNTH® <i>1-2-Dibromopropane / 1,2-Dibromopropano</i> <chem>CH3CHBrCH2Br</chem> <chem>C3H6Br2</chem> $M = 201,89$ g/mol $1\text{ L} \approx 1,91$ kg assay (GC) 97% boiling range 140–142 °C refractive index (n_D^{20}) 1,519	FL. 2902	100 ml	23,—	19,55	18,40	17	
62460	1,3-Dibromopropane PROSYNTH® <i>1-3-Dibromopropane / 1,3-Dibromopropano</i> <chem>Br(CH2)3Br</chem> <chem>C3H6Br2</chem> $M = 201,89$ g/mol $1\text{ L} \approx 1,98$ kg assay (GC) 97% boiling range 165–167 °C refractive index (n_D^{20}) 1,521	FL. EKL. F. 2902	500 ml 30 kg 200 kg	110,— price on request price on request	93,50	88,—	84	
62461	2,3-Dibromopropanol-(1) PROSYNTH® <chem>BrCH2CHBrCH2OH</chem> <chem>C3H6Br2O</chem> $M = 217,89$ g/mol $1\text{ L} \approx 2,13$ kg assay (GC) 98% boiling range (at 13 mbar) 94–97 °C refractive index (n_D^{20}) 1,559	FL. 2904	100 ml	29,50	25,10	23,60	22	


0130 6.1/12 6.1 2810 2	2,3-Dibromopropene PROSYNTH® <i>2-3-Dibromopropène / 2,3-Dibromopropeno</i> $\text{CH}_2=\text{CBrCH}_2\text{Br}$ $\text{C}_3\text{H}_4\text{Br}_2 \quad M=199,87 \text{ g/mol}$ $1 \text{ L} \approx 2,03 \text{ kg}$ assay (GC) 95% boiling range 140–142 °C refractive index (n_D^{20}) 1,541 keep cool à stocker au frais conservese frio <div> R: 36/37/38 S: 26 disposal: 7</div>	FL. 2902	100 ml	168,—	142,80	134,40	126,—
5147 6.1/13A 6.1 1602 3	2,3-Dibromopropene-(2)-ol-(1) PROSYNTH® <i>2-3-Dibromopropène-(2)-ol-(1) / 2,3-Dibromopropeno-(2)-ol-(1)</i> $\text{CHBr}=\text{CBrCH}_2\text{OH}$ $\text{C}_3\text{H}_4\text{Br}_2\text{O} \quad M=215,87 \text{ g/mol}$ $1 \text{ L} \approx 2,22 \text{ kg}$ assay (GC) 98% boiling range (at 20 mbar) 83–85 °C refractive index (n_D^{20}) 1,580 <div> R: 36/37/38 S: 26 disposal: 7</div>	FL. 2904	100 ml † 250 ml	150,— 340,—	127,50 289,—	120,—	112,50
63375 A 8/21A C 8 1759 2	2,3-Dibromopropionic acid PROSYNTH® <i>Acide 2-3-dibromopropionique / Acido 2,3-dibromopropiónico</i> $\text{CH}_2\text{BrCHBrCOOH}$ $\text{C}_3\text{H}_4\text{Br}_2\text{O}_2 \quad M=231,87 \text{ g/mol}$ assay (alkalimetric) 98% melting range 62–65 °C <div> R: 36/37/38 S: 26 disposal: 21</div>	WG. 2914	100 g	62,50	53,15	50,—	46,90
64663	2,3-Dibromopropionyl chloride PROSYNTH® <i>2-3-Dibromopropionyle chlorure / 2,3-Dibromopropionilo cloruro</i> $\text{CH}_2\text{BrCHBrCOCl}$ $\text{C}_3\text{H}_3\text{Br}_2\text{ClO} \quad M=250,32 \text{ g/mol}$ $1 \text{ L} \approx 2,13 \text{ kg}$ assay (GC) 90% refractive index (n_D^{20}) 1,543 <div> R: 34 S: 26 disposal: 21</div>	FL. 2914	500 ml	52,50	44,65	42,—	40,45
64764	2,6-Dibromopyridine PROSYNTH® <i>2-6-Dibromopyridine / 2,6-Dibromopiridina</i> $\text{N}=\text{CBrCH}=\text{CHCH}=\text{CBr}$ $\text{C}_5\text{H}_3\text{Br}_2\text{N} \quad M=236,89 \text{ g/mol}$ assay (ex Br) 97% melting range 117–119 °C	WG. 2935	50 g	65,50	55,70	52,40	49,15
63180	2,6-Dibromoquinone-4-chlorimide R. G. <i>2-6-Dibromoquinone-4-chlorimide / 2,6-Dibromoquinona-4-clorimida</i> $\text{OC}_6\text{H}_2\text{Br}_2=\text{NCl}$ $\text{C}_6\text{H}_2\text{Br}_2\text{ClNO} \quad M=299,35 \text{ g/mol}$ melting range 82–84 °C sulphated ash max. 0,1% suitability for proof of phenol passes test	WG. 2913	10 g	35,—	29,75	28,—	26,25
64628	3,5-Dibromosalicylic acid PROSYNTH® <i>Acide 3-5-dibromosalicylique / Acido 3,5-dibromosalicílico</i> $\text{Br}_2\text{C}_6\text{H}_2(\text{OH})\text{COOH}$ $\text{C}_7\text{H}_4\text{Br}_2\text{O}_3 \quad M=295,91 \text{ g/mol}$ assay (alkalimetric) 98% melting range 224–227 °C	WG. 2916	100 g	43,75	37,20	35,—	32,80

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Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)


62452	2,3-Dibromosuccinic acid PROSYNTH® <i>Acide 2-3-dibromosuccinique / Acido 2,3-dibromosuccinico</i> HOOCCHBrCHBrCOOH C ₄ H ₄ Br ₂ O ₄ M = 275,88 g/mol assay (alkalimetric) 99%	PF. PF. PF. 2915	† 100 g 250 g 1 kg	17,25 39,— 130,—	14,65 33,15 110,50	104,—	10
64009	1,2-Dibromotetrachloroethane PROSYNTH® <i>1-2-Dibromotétrachloroéthane / 1,2-Dibromotetracloroetano</i> CBrCl ₂ CBrCl ₂ C ₂ Br ₂ Cl ₄ M = 325,64 g/mol	WG. 2902	10 g	22,50	19,15	18,—	1
61013 A 6.1/23 C 6.1 2810 2	1,4-Dibromo-1,1,2,2-tetrafluorobutane PROSYNTH® <i>1-4-Dibromo-1-1-2-2-tétrafluorobutane / 1,4-Dibromo-1,1,2,2-tetrafluorobutano</i> BrCF ₂ CF ₂ CH ₂ CH ₂ Br C ₄ H ₄ Br ₂ F ₄ M = 287,88 g/mol 1 L ≈ 2,00 kg assay (GC) 96% boiling range (bei 107 mbar) 70—73 °C refractive index (n _D ²⁰) 1,417	FL. 2902	100 ml	111,50	94,80	89,20	8
61011 A 6.1/62 C 6.1 2810 3	1,2-Dibromotetrafluoroethane PROSYNTH® <i>1-2-Dibromotétrafluoroéthane / 1,2-Dibromotetrafluoroetano</i> BrCF ₂ CF ₂ Br C ₂ Br ₂ F ₄ M = 259,82 g/mol 1 L ≈ 2,15 kg assay (GC) 99% boiling range 46—48 °C	FL. 2902	250 ml	200,—	170,—	160,—	150
61122 A 6.1/23 C 6.1 1615 2	1,6-Dibromo-1,1,2,2-tetrafluorohexane PROSYNTH® <i>1-6-Dibromo-1-1-2-2-tétrafluorohexane / 1,6-Dibromo-1,1,2,2-tetrafluorohexano</i> BrCF ₂ CF ₂ CH ₂ CH ₂ CH ₂ CH ₂ Br C ₆ H ₈ Br ₂ F ₄ M = 315,93 g/mol 1 L ≈ 1,80 kg assay (GC) 98% boiling range (at 13 mbar) 74—76 °C refractive index (n _D ²⁰) 1,434	FL. 2902	100 ml	101,50	86,30	81,20	76
64010	2,5-Dibromothiophene PROSYNTH® <i>2-5-Dibromothiophène / 2,5-Dibromotiofeno</i> <u>SCBr = CHCH = CBr</u> C ₄ H ₂ Br ₂ S M = 241,93 g/mol 1 L ≈ 2,14 kg assay (GC) 95% boiling range 208—211 °C refractive index (n _D ²⁰) 1,627	FL. 2935	10 ml	69,—	58,65	55,20	51
Dibromothymolsulphonphthalein see Bromothymol blue							
64011 A 6.1/61A C 6.1 2811 2	1,2-Dibromotrichloroethane PROSYNTH® <i>1-2-Dibromotrichloroéthane / 1,2-Dibromotricloroetano</i> CHClBrCCl ₂ Br C ₂ HBr ₂ Cl ₃ M = 291,20 g/mol assay (GC) 99% refractive index (n _D ²⁰) 1,572	FL. 2902	10 g	32,50	27,65	26,—	24
64616	1,11-Dibromoundecane PROSYNTH® <i>1-11-Dibromoundécane / 1,11-Dibromoundecano</i> Br(CH ₂) ₁₁ Br C ₁₁ H ₂₂ Br ₂ M = 314,10 g/mol 1 L ≈ 1,34 kg assay (GC) 95% boiling range (at 13 mbar) 173—175 °C refractive index (n _D ²⁰) 1,492	FL. 2902	10 ml	46,—	39,10	36,80	34
62463 A 6.1/23 A C 6.1 2811 2	α,α'-Dibromo-o-xylene PROSYNTH® <i>α,α'-Dibromo-o-xylène / α,α'-Dibromo-o-xileno</i> C ₈ H ₄ (CH ₂ Br) ₂ C ₈ H ₆ Br ₂ M = 263,96 g/mol assay (GC) 97% melting range 92—94 °C	WG. 2902	10 g	25,25	21,45	20,20	18



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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3666	α-α'-Dibromo-m-xylene PROSYNTH®	WG.	10 g	25,25	21,45	20,20	18,95
6.1/23 A	<i>α-α'-Dibromo-m-xylène / α-α'-Dibromo-m-xileno</i>	2902					
6.1 2811 2	C ₈ H ₄ (CH ₂ Br) ₂ C ₈ H ₈ Br ₂ M = 263,96 g/mol assay (GC) 97% melting range 74–76 °C						
2464	α-α'-Dibromo-p-xylene PROSYNTH®	WG.	100 g	79,50	67,60	63,60	59,65
6.1/23 A	<i>α-α'-Dibromo-p-xylène / α-α'-Dibromo-p-xileno</i>	2902					
6.1 2811 2	C ₈ H ₄ (CH ₂ Br) ₂ C ₈ H ₈ Br ₂ M = 263,96 g/mol assay (GC) 98% melting range 142–145 °C						
3680	2,5-Dibromo-p-xylene PROSYNTH®	WG.	10 g	22,50	19,15	18,—	16,90
6.1/23A	<i>2-5-Dibromo-p-xylène / 2,5-Dibromo-p-xileno</i>	2902					
6.1 2811 2	(CH ₃) ₂ C ₆ H ₂ Br ₂ C ₈ H ₈ Br ₂ M = 263,96 g/mol assay (GC) 98% melting range 72–74 °C						
4219	Dibutyl adipate PROSYNTH®	FL.	250 ml	19,75	16,80	15,80	14,80
	<i>Dibutyle adipate / Dibutilo adipato</i>	2915					
	CH ₃ (CH ₂) ₃ OCO(CH ₂) ₄ COO(CH ₂) ₃ CH ₃ C ₁₄ H ₂₆ O ₄ M = 258,36 g/mol 1 L \approx 0,96 kg assay (GC) 99% boiling range (at 16 mbar) 178–180 °C refractive index (n _D ²⁰) 1,472						
15907	Di-n-butylamine	FL.	1 L	21,50	18,30	17,20	16,55
A 8/35	<i>Di-n-butylamine / Di-n-butylamina</i>	FL.	2,5 L	45,25	37,55	35,30	33,95
C 8 2248 2	(CH ₃ CH ₂ CH ₂ CH ₂) ₂ NH	EKL.	20 kg	price on request			
+52 °C	C ₈ H ₁₉ N M = 129,24 g/mol 1 L \approx 0,76 kg assay (GC) 99% boiling range 157–160 °C density (D ₄ ²⁰) 0,759–0,761 refractive index (n _D ²⁰) 1,4170–1,4180	F.	150 kg	price on request			
		2922					
	 R: 10-20/21/22 disposal: 19						
64012	4-Dibutylaminobutyronitrile PROSYNTH®	FL.	10 g	26,25	22,30	21,—	19,70
A 6.1/21	<i>4-Dibutylaminobutyronitrile / 4-Dibutylaminobutironitrilo</i>	2927					
C 6.1 2811 2	[CH ₃ (CH ₂) ₃] ₂ N(CH ₂) ₃ CN C ₁₂ H ₂₄ N ₂ M = 196,34 g/mol assay (GC) 98%						
62465	2-Dibutylaminoethanol PROSYNTH®	FL.	1 L	66,50	56,55	53,20	51,20
A 3/4	<i>2-Dibutylaminoéthanol / 2-Dibutylaminoetanol</i>	2923					
+95 °C	(CH ₃ CH ₂ CH ₂ CH ₂) ₂ NCH ₂ CH ₂ OH C ₁₀ H ₂₃ NO M = 173,30 g/mol 1 L \approx 0,86 kg assay (ex N) 98% boiling range (at 984 mbar) 225–227 °C refractive index (n _D ²⁰) 1,444						
62466	3-Dibutylaminopropionitrile PROSYNTH®	FL.	100 ml	44,50	37,85	35,60	33,40
A 6.1/21	<i>3-Dibutylaminopropionitrile / 3-Dibutylaminopropionitrilo</i>	2927					
C 6.1 2810 2	(CH ₃ CH ₂ CH ₂ CH ₂) ₂ NCH ₂ CH ₂ CN C ₁₁ H ₂₂ N ₂ M = 182,31 g/mol 1 L \approx 0,84 kg assay (GC) 96% boiling range (at 26 mbar) 139–141 °C refractive index (n _D ²⁰) 1,441						
39348	Di-tert.-butyl dicarbonate BIOSYNTH®	WG.	25 g	37,25	31,65	29,80	27,95
	<i>Di-tert.-butyle dicarbonate / Di-terc.-butilo dicarbonato</i>	2921					
	[(CH ₃) ₃ COCO] ₂ O C ₁₀ H ₁₈ O ₅ M = 218,25 g/mol						







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Type of package
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Price per 1x 6x 24x 9
package DM (1 Box) (4 Boxes) (16 Boxes)






64494	Di-tert.-butyl disulphide PROSYNTH® A 3/4 <i>Di-tert.-butyle disulfure / Di-terc.-butilo disulfuro</i> C 6.1 2810 3 <chem>(CH3)3CSSC(CH3)3</chem> +64 °C <chem>C8H18S2</chem> $M = 178,36$ g/mol 1 L ≈ 0,93 kg assay (GC) 98% boiling range 198—204 °C refractive index (n_D^{20}) 1,492	FL. 2931	250 ml	21,50	18,30	17,20	16,50
63422	Di-iso-butylene mixture of 2,4,4-Trimethyl-1-pentene and 2,4,4-Trimethyl-2-pentene PROSYNTH® A 3/1A <i>Di-iso-butylène / Di-iso-butileno</i> C 3.2 1993 2 <chem>C8H16</chem> $M = 112,21$ g/mol 1 L ≈ 0,71 kg -6 °C  R: 11 S: 9-16-33 disposal: 6	FL. 2901	1 L	43,75	37,20	35,—	33,—
24222	Di-n-butyl ether A 3/3 <i>Ether di-n-butylique / Eter di-n-butílico</i> C 3.3 1149 3 <chem>CH3(CH2)3O(CH2)3CH3</chem> +25 °C <chem>C8H18O</chem> $M = 130,23$ g/mol 1 L ≈ 0,77 kg boiling range 141—142 °C density (D_4^{20}) 0,768—0,769 refractive index (n_D^{20}) 1,3985—1,4000 non-volatile matter 0,005%	FL. 2908	1 L	19,25	16,35	15,40	14,—
60170	Di-n-butyl-fumarate PROSYNTH® <i>Di-n-butyle fumarate / Di-n-butilo fumarato</i> <chem>CH3(CH2)3OCOCH=CHCOO(CH2)3CH3</chem> <chem>C12H20O4</chem> $M = 228,29$ g/mol 1 L ≈ 0,99 kg assay (GC) 99% boiling range (at 2,7 mbar) 108—110 °C refractive index (n_D^{20}) 1,446	FL. 2915	500 ml	13,25	11,25	10,60	10,—
62467	2,5-Di-tert.-butylhydroquinone PROSYNTH® <i>Di-tert.-butyl-2-5-hydroquinone / 2,5-Di-terc.-butilhidroquinona</i> <chem>[(CH3)3C]2C6H2(OH)2</chem> <chem>C14H22O2</chem> $M = 222,33$ g/mol assay 98% melting range 213—215 °C	PF. 2906	250 g	31,25	26,55	25,—	23,—
64695	3,5-Di-tert.-butyl-4-hydroxybenzoic acid PROSYNTH® <i>Acide 3-5-di-tert.-butyl-4-hydroxybenzoïque / Acido 3,5-di-terc.-butil-4-hidroxibenzóico</i> <chem>HOOC-C6H2(OH)-[C(CH3)3]2</chem> <chem>C15H22O3</chem> $M = 250,34$ g/mol assay (alkalimetric) 99% melting range 207—209 °C	WG. 2916	250 g	23,50	20,—	18,80	17,—
Dibutyl ketone see Nonanone-(5)							
65176	2,6-Di-tert.-butyl-methylphenol PROSYNTH® A 6.1/22A <i>Di-tert.-butyl-2-6-méthyl-4-phénol / 2,6-Di-terc.-butil-4-metilfenol</i> C 6.1 2811 <chem>[(CH3)3C]2C6H2(CH3)OH</chem> 127 °C <chem>C15H24O</chem> $M = 220,35$ g/mol assay (GC) 99% melting range 68—71 °C	PF. 2906	500 g 2,5 kg	21,50 89,—	18,30 73,85	17,20 69,40	16,50 66,70




Code-Number RID/ADR GGVE/GGVs MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2468	Di-tert.-butyl peroxide PROSYNTH® <i>Di-tert.-butyle peroxyde / Di-terc.-butilo peróxido</i> (CH ₃) ₃ COOC(CH ₃) ₃ C ₈ H ₁₈ O ₂ M = 146,23 g/mol 1 L ≈ 0,79 kg assay (GC) 98 % boiling range 108–110 °C refractive index (n _D ²⁰) 1,389   R: 11-37/38 S: 3-7/9-14-27-37/39 disposal: 16	FL. 2908	250 ml	20,75	17,65	16,60	15,55
4022	2,4-Di-sec.-butylphenol PROSYNTH® <i>Di-sec.-butyl-2-4-phénol / 2,4-Di-sec.-butilfenol</i> [C ₂ H ₅ CH(CH ₃)] ₂ C ₆ H ₃ OH C ₁₄ H ₂₂ O M = 206,33 g/mol assay (GC) 95 %	FL. 2906	100 g	56,50	48,05	45,20	42,40
4496	2,4-Di-tert.-butylphenol PROSYNTH® <i>Di-tert.-butyl-2-4-phénol / 2,4-Di-terc.-butilfenol</i> [(CH ₃) ₃ C] ₂ C ₆ H ₃ OH C ₁₄ H ₂₂ O M = 206,33 g/mol assay (GC) 97 % melting range 53–56 °C	WG. 2906	500 g	25,25	21,45	20,20	19,45
63377	2,6-Di-tert.-butylphenol PROSYNTH® <i>Di-tert.-butyl-2-6-phénol / 2,6-Di-terc.-butilfenol</i> [(CH ₃) ₃ C] ₂ C ₆ H ₃ OH C ₁₄ H ₂₂ O M = 206,33 g/mol assay (GC) 98 % melting range 34–37 °C	FL. 2906	250 g	18,75	15,95	15,—	14,05
62994	Dibutyl phthalate PROSYNTH® <i>Dibutyle phtalate / Dibutilo ftalato</i> C ₆ H ₄ [COO(CH ₂) ₃ CH ₃] ₂ C ₁₆ H ₂₂ O ₄ M = 278,35 g/mol 1 L ≈ 1,05 kg assay (GC) 99 % boiling range (at 7 mbar) 182–184 °C refractive index (n _D ²⁰) 1,493	FL. 2915	1 L	19,50	16,60	15,60	15,—
62469	Dibutyl sulphide PROSYNTH® <i>Dibutyle sulfure / Dibutilo sulfuro</i> CH ₃ (CH ₂) ₃ S(CH ₂) ₃ CH ₃ C ₈ H ₁₈ S M = 146,30 g/mol 1 L ≈ 0,84 kg assay (GC) 97 % boiling range 185–188 °C refractive index (n _D ²⁰) 1,453	FL. 2931	100 ml	53,50	45,50	42,80	40,15
64627	Di-tert.-butyl sulphide PROSYNTH® <i>Di-tert.-butyle sulfure / Di-terc.-butilo sulfuro</i> (CH ₃) ₃ CSC(CH ₃) ₃ C ₈ H ₁₈ S M = 146,30 g/mol 1 L ≈ 0,82 kg assay (GC) 98 % boiling range 147–150 °C refractive index (n _D ²⁰) 1,452 R: 10 disposal: 15	FL. 2931	100 ml	17,25	14,65	13,80	12,95
39673	Di-n-butyl tetrachlorophthalate for gas chromatography <i>Di-n-butyle tétrachlorophthalate / Di-n-butilo tetracloftalato</i> C ₆ Cl ₄ [COO(CH ₂) ₃ CH ₃] ₂ C ₁₆ H ₁₈ Cl ₄ O ₄ M = 416,13 g/mol working temperature to 75 °C	WG. 2915	25 g	178,—	151,30	142,40	133,50
62470	N,N'-Dibutylthiourea PROSYNTH® <i>N,N'-Dibutylthiourée / N,N'-Dibutiltiourea</i> CH ₃ (CH ₂) ₃ NHCSNH(CH ₂) ₃ CH ₃ C ₉ H ₂₀ N ₂ S M = 188,34 g/mol assay (ex N) 98 % melting range 63–65 °C	PF. 2931	250 g	22,—	18,70	17,60	16,50

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			1x	6x	24x	9	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
62471	Dibutyltin diacetate PROSYNTH® A 6.1/81F2 C 6.1 2810 2	FL. 2934	100 ml	50,50	42,95	40,40	37,40
<chem>(CH3CH2CH2CH2)2Sn(OCOCH3)2</chem> $C_{12}H_{24}O_4Sn$ $M = 351,01$ g/mol $1 L \approx 1,31$ kg assay (ex Sn) 98% refractive index (n_D^{20}) 1,471  R: 23/24/25 S: 2-13-44 disposal: 10							
64498	Dibutyltin dichloride PROSYNTH® A 6.1/81F C 6.1 1615 3	WG. 2934	250 g	46,75	39,75	37,40	35,40
<chem>(CH3CH2CH2CH2)2SnCl2</chem> $C_8H_{18}Cl_2Sn$ $M = 303,83$ g/mol assay (ex Sn) 97% melting range 37–40 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25 S: 2-13-44 disposal: 10							
Dicalcium phosphate see Calcium hydrogen phosphate							
35710	Dicamba min. 99% PESTANAL® (3,6-Dichloro-o-anisic acid) <chem>Cl2C6H2(OCH3)COOH</chem> <chem>C8H6Cl2O3</chem> $M = 221,04$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	28,25	24,—	22,60	21,—
Dicetyl see Dotriacontane							
Dicetyl ether see Dihexadecyl ether							
35725	Dichlobenil min. 99% PESTANAL® (2,6-Dichlorobenzonitrile) <chem>Cl2C6H3CN</chem> <chem>C7H3Cl2N</chem> $M = 172,01$ g/mol	FL. 2927	1 g	21,50	18,30	17,20	16,—
35891	Dichlofenthion min. 98% PESTANAL® (O,O-Diethyl-O-[2,4-dichlorophenyl]-- phosphoromonothioate) <chem>(CH3CH2O)2P(S)OC6H3Cl2</chem> <chem>C10H13Cl2O3PS</chem> $M = 315,16$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 2-13 disposal: 7	FL. 2921	2 g	42,75	36,35	34,20	32,—
35852	Dichloran min. 99% PESTANAL® (2,6-Dichloro-4-nitroaniline) <chem>Cl2(NO2)C6H2NH2</chem> <chem>C6H4Cl2N2O2</chem> $M = 207,02$ g/mol  R: 26/27/28-33 S: 28-36/37-45 disposal: 7	FL. 2922	5 g	35,—	29,75	28,—	26,—
27208	Dichloroacetic acid about 99% A 8/21A2 C 8 1764 2 <chem>CHCl2COOH</chem> <chem>C2H2Cl2O2</chem> $M = 128,94$ g/mol $1 L \approx 1,54$ kg  R: 35 S: 26 disposal: 21	FL. FL. STP. 2914	250 ml 1 L 40 kg	19,25 62,50 price on request	16,35 53,15	15,40 50,—	14,40 48,—
63378	1,3-Dichloroacetone PROSYNTH® A 6.1/81B C 6.1 2810 2 <chem>ClCH2COCH2Cl</chem> <chem>C3H4Cl2O</chem> $M = 126,97$ g/mol $1 L \approx 1,38$ kg assay (GC) 98% melting range 39–42 °C	FL. 2913	100 ml	140,—	119,—	112,—	105,—

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4015 6.1/23B 6.1 2810 2	2,5-Dichloroacetophenone PROSYNTH® <i>2-5-Dichloroacétophénone / 2,5-Dicloroacetofenona</i> <chem>Cl2C6H3COCH3</chem> <chem>C6H6Cl2O</chem> <i>M</i> = 189,04 g/mol 1 L ≈ 1,34 kg assay (GC) 97% boiling range 250–252 °C refractive index (<i>n</i> _D ²⁰) 1,562	FL. 2913	10 ml	33,25	28,25	26,60	24,95
	2,5-Dichloro-1-acetylbenzene see 2,5-Dichloroacetophenone						
4501 8/22 8 1765 2	Dichloroacetyl chloride PROSYNTH® <i>Dichloroacétyle chlorure / Dicloroacetilo cloruro</i> <chem>Cl2CHCOCl</chem> <chem>C2HCl3O</chem> <i>M</i> = 147,39 g/mol 1 L ≈ 1,53 kg assay (GC) 98% boiling range 105–108 °C refractive index (<i>n</i> _D ²⁰) 1,460	FL. 2914	250 ml	30,—	25,50	24,—	22,50
62474 A 6.1/21E C 6.1 2019 2	2,3-Dichloroaniline PROSYNTH® <i>Dichloro-2-3-aniline / 2,3-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> <i>M</i> = 162,02 g/mol 1 L ≈ 1,37 kg assay (GC) 99% boiling range 250–252 °C refractive index (<i>n</i> _D ²⁰) 1,597  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	500 ml	50,50	42,95	40,40	38,90
35829 A 6.1/21E C 6.1 2811 2	2,4-Dichloroaniline min. 99% PESTANAL® <i>Dichloro-2-4-aniline / 2,4-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> <i>M</i> = 162,02 g/mol  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	5 g	21,50	18,30	17,20	16,15
62475 A 6.1/21E C 6.1 2018 2	2,4-Dichloroaniline PROSYNTH® <i>Dichloro-2-4-aniline / 2,4-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> <i>M</i> = 162,02 g/mol assay (GC) 99% melting range 59–61 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	250 g	30,75	26,15	24,60	23,05
62476 A 6.1/21E C 6.1 2018 2	2,5-Dichloroaniline PROSYNTH® <i>Dichloro-2-5-aniline / 2,5-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> <i>M</i> = 162,02 g/mol assay (GC) 97% melting range 47–50 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	1 kg	60,—	51,—	48,—	46,20
64503 A 6.1/21E C 6.1 2811 2	2,6-Dichloroaniline PROSYNTH® <i>Dichloro-2-6-aniline / 2,6-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> <i>M</i> = 162,02 g/mol assay (GC) 99% melting range 36–38 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	250 g	54,—	45,90	43,20	40,50

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35827	3,4-Dichloroaniline min. 99% PESTANAL® <i>Dichloro-3-4-aniline / 3,4-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> $M = 162,02$ g/mol  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	5 g	19,50	16,60	15,60	14,00
62477	3,4-Dichloroaniline PROSYNTH® <i>Dichloro-3-4-aniline / 3,4-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> $M = 162,02$ g/mol assay (GC) 99% melting range 71–73 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	250 g	14,50	12,35	11,60	10,00
64739	3,5-Dichloroaniline PROSYNTH® <i>Dichloro-3-5-aniline / 3,5-Dicloroanilina</i> <chem>Cl2C6H3NH2</chem> <chem>C6H5Cl2N</chem> $M = 162,02$ g/mol assay (GC) 97% melting range 48–50 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	25 g	24,75	21,05	19,80	18,00
64694	2,3-Dichloroanisole PROSYNTH® <i>Dichloro-2-3-anisole / 2,3-Dicloroanisol</i> <chem>CH3OC6H3Cl2</chem> <chem>C7H6Cl2O</chem> $M = 177,03$ g/mol assay (GC) 98% melting range 31–33 °C	WG. 2908	50 g	37,25	31,65	29,80	27,00
64702	2,6-Dichloroanisole PROSYNTH® <i>Dichloro-2-6-anisole / 2,6-Dicloroanisol</i> <chem>CH3OC6H3Cl2</chem> <chem>C7H6Cl2O</chem> $M = 177,03$ g/mol 1 L ≈ 1,29 kg assay (GC) 98% boiling range (at 27 mbar) 103–105 °C	FL. 2908	50 g	37,25	31,65	29,80	27,00
64884	3,5-Dichloroanthranilic acid PROSYNTH® <i>Acide 3-5-dichloroanthranilique / Acido 3,5-dicloroantranilico</i> <chem>NH2C6H2Cl2COOH</chem> <chem>C7H5Cl2NO2</chem> $M = 206,03$ g/mol assay (alkalimetric) 97% melting range 225–227 °C	WG. 2923	100 g	18,75	15,95	15,—	14,00
64785	2,6-Dichlorobenzal chloride PROSYNTH® <i>2-6-Dichlorobenzale chlorure / 2,6-Diclorobenzalo cloruro</i> <chem>Cl2C6H3CHCl2</chem> <chem>C7H4Cl4</chem> $M = 229,92$ g/mol 1 L ≈ 1,51 kg assay (GC) 95% boiling range (at 21 mbar) 124–126 °C	FL. 2902	100 ml	43,25	36,75	34,60	32,40
62478	2,4-Dichlorobenzaldehyde PROSYNTH® <i>2-4-Dichlorobenzaldéhyde / 2,4-Diclorobenzaldehido</i> <chem>Cl2C6H3CHO</chem> <chem>C7H4Cl2O</chem> $M = 175,01$ g/mol assay (GC) 98% melting range 68–70 °C	WG. 2912	100 g	25,25	21,45	20,20	18,90
62479	2,6-Dichlorobenzaldehyde PROSYNTH® <i>2-6-Dichlorobenzaldéhyde / 2,6-Diclorobenzaldehido</i> <chem>Cl2C6H3CHO</chem> <chem>C7H4Cl2O</chem> $M = 175,01$ g/mol assay (GC) 98% melting range 68–70 °C	PF. 2912	100 g	35,—	29,75	28,—	26,20

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80	3,4-Dichlorobenzaldehyde PROSYNTH® <i>3-4-Dichlorobenzaldéhyde / 3,4-Diclorobenzaldehido</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}$ $M = 175,01 \text{ g/mol}$ assay (GC) 98% melting range 39–40 °C	WG. 2912	100 g	49,75	42,30	39,80	37,30
160	1,2-Dichlorobenzene for extraction analysis <i>1-2-Dichlorobenzène / 1,2-Diclorobenceno</i> $\text{C}_6\text{H}_4\text{Cl}_2$ $M = 147,00 \text{ g/mol}$ 1 L ≈ 1,30 kg assay (GC) min. 99% water (according to Karl Fischer) max. 0,01% sulphated ash max. 0,001% free acid (as HCl) max. 0,001% iron (Fe) max. 0,0001% heavy metals (as Pb) max. 0,0001% chloride (Cl) max. 0,0001%  R: 20 S: 24/25 disposal: 7	FL. FL. 2902	1 L 2,5 L	26,50 55,50	22,55 46,05	21,20 43,30	20,40 41,65
152	1,2-Dichlorobenzene PROSYNTH® <i>1-2-Dichlorobenzène / 1,2-Diclorobenceno</i> $\text{C}_6\text{H}_4\text{Cl}_2$ $M = 147,00 \text{ g/mol}$ 1 L ≈ 1,30 kg assay (GC) 99% boiling range 178–180 °C refractive index (n_D^{20}) 1,551  R: 20 S: 24/25 disposal: 7	FL. FL. 2902	1 L 2,5 L	24,25 51,—	20,60 42,35	19,40 39,80	18,65 38,25
134	1,3-Dichlorobenzene PROSYNTH® <i>1-3-Dichlorobenzène / 1,3-Diclorobenceno</i> $\text{C}_6\text{H}_4\text{Cl}_2$ $M = 147,00 \text{ g/mol}$ 1 L ≈ 1,29 kg assay (GC) 99% boiling range 171–173 °C refractive index (n_D^{20}) 1,546  R: 20 S: 24/25 disposal: 7	FL. 2902	500 ml	43,25	36,75	34,60	33,30
5775	1,4-Dichlorobenzene min. 99% PESTANAL® <i>1-4-Dichlorobenzène / 1,4-Diclorobenceno</i> $\text{C}_6\text{H}_4\text{Cl}_2$ $M = 147,00 \text{ g/mol}$  R: 22 S: 2-24/25 disposal: 7	FL. 2902	1 g	14,25	12,10	11,40	10,70
8202	1,4-Dichlorobenzene technical granular <i>1-4-Dichlorobenzène / 1,4-Diclorobenceno</i> $\text{C}_6\text{H}_4\text{Cl}_2$ $M = 147,00 \text{ g/mol}$  R: 22 S: 2-24/25 disposal: 7	BL. BL. S. 2902	1 kg 5 kg 40 kg	22,— 82,— price on request	18,70 68,05	17,60 63,95	16,95 61,50
2481	2,4-Dichlorobenzoic acid PROSYNTH® <i>Acide 2-4-dichlorobenzoïque / Acido 2,4-diclorobenzoico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}_2$ $M = 191,01 \text{ g/mol}$ assay (alkalimetric) 99% melting range 159–161 °C	PF. 2914	250 g	66,50	56,55	53,20	49,90
54792	2,5-Dichlorobenzoic acid PROSYNTH® <i>Acide 2-5-dichlorobenzoïque / Acido 2,5-diclorobenzoico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}_2$ $M = 191,01 \text{ g/mol}$ assay (alkalimetric) 98% melting range 151–154 °C	WG. 2914	50 g	41,50	35,30	33,20	31,15

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62482	2,6-Dichlorobenzoic acid PROSYNTH® <i>Acide 2-6-dichlorobenzoïque / Acido 2,6-diclorobenzoico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}_2$ $M = 191,01$ g/mol assay (alkalimetric) 98% melting range 141–143 °C	WG. 2914	10 g	22,—	18,70	17,60	16,—
62483	3,4-Dichlorobenzoic acid PROSYNTH® <i>Acide 3-4-dichlorobenzoïque / Acido 3,4-diclorobenzoico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}_2$ $M = 191,01$ g/mol assay (alkalimetric) 99% melting range 207–209 °C	PF. 2914	100 g	35,—	29,75	28,—	26,—
65210	3,5-Dichlorobenzoic acid PROSYNTH® <i>Acide 3-5-dichlorobenzoïque / Acido 3,5-diclorobenzoico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_7\text{H}_4\text{Cl}_2\text{O}_2$ $M = 191,01$ g/mol melting range 181–185 °C 2,6-Dichlorobenzoic acid nitrile see 2,6-Dichlorobenzonitrile	PF. 2914	50 g	price on request			
63379 A 6.1/21A C 6.1 1935 1	2,6-Dichlorobenzonitrile PROSYNTH® <i>2-6-Dichlorobenzonitrile / 2,6-Diclorobenzonitrilo</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CN}$ $\text{C}_7\text{H}_3\text{Cl}_2\text{N}$ $M = 172,01$ g/mol assay (GC) 97% melting range 141–143 °C <div>  R: 20/21/22 S: 28 disposal: 15 </div>	WG. 2927	5 g	22,—	18,70	17,60	16,—
64505 A 8/22 C 8 1760 2	2,4-Dichlorobenzoyl chloride PROSYNTH® <i>Dichloro-2-4-benzoyle chlorure / 2,4-Diclorobenzoïlo cloruro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COCl}$ $\text{C}_7\text{H}_3\text{Cl}_2\text{O}$ $M = 209,46$ g/mol $1 \text{ L} \approx 1,50 \text{ kg}$ assay (ex Cl) 97% boiling range 148–150 °C refractive index (n_D^{20}) 1,593 <div>  R: 34 S: 26 disposal: 21 </div>	FL. 2914	100 ml	35,25	29,95	28,20	26,—
64796 A 8/22 C 8 ./. 2	3,4-Dichlorobenzoyl chloride PROSYNTH® <i>Dichloro-3-4-benzoyle chlorure / 3,4-Diclorobenzoïlo cloruro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{COCl}$ $\text{C}_7\text{H}_3\text{Cl}_2\text{O}$ $M = 209,46$ g/mol assay (ex Cl) 98% melting range 31–33 °C <div>  R: 34 S: 26 disposal: 21 </div>	WG. 2914	100 g	25,75	21,90	20,60	19,30
64016 A 5.2/13B B 5.2/13C C 5.2 2139 2	2,4-Dichlorobenzoyl peroxide moistened with about 50 % H₂O PROSYNTH® <i>2-4-Dichlorobenzoyle peroxyde / 2,4-Diclorobenzoïlo peróxido</i> $(\text{Cl}_2\text{C}_6\text{H}_3\text{CO})_2\text{O}_2$ $\text{C}_{14}\text{H}_6\text{Cl}_4\text{O}_4$ $M = 380,01$ g/mol	WG. 2914	100 g	47,—	39,95	37,60	35,20
64868	2,4-Dichlorobenzyl alcohol PROSYNTH® <i>Alcool 2-4-dichlorobenzylrique / Alcohol 2,4-diclorobencilico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{OH}$ $\text{C}_7\text{H}_6\text{Cl}_2\text{O}$ $M = 177,03$ g/mol assay (GC) 98% melting range 57–59 °C	WG. 2905	10 g	14,25	12,10	11,40	10,70

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
017	2,6-Dichlorobenzyl alcohol PROSYNTH® <i>Alcool 2-6-dichlorobenzylque / Alcohol 2,6-diclorobencilico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{OH}$ $\text{C}_7\text{H}_5\text{Cl}_2\text{O}$ $M = 177,03 \text{ g/mol}$ assay (GC) 98% melting range 95–97 °C	WG. 2905	5 g	34,—	28,90	27,20	25,50
4880	3,4-Dichlorobenzyl alcohol PROSYNTH® <i>Alcool 3-4-dichlorobenzylque / Alcohol 3,4-diclorobencilico</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{OH}$ $\text{C}_7\text{H}_5\text{Cl}_2\text{O}$ $M = 177,03 \text{ g/mol}$ assay (GC) 98% melting range 37–39 °C	WG. 2905	10 g	27,25	23,15	21,80	20,45
4932 8/35 8 1719 2	2,4-Dichlorobenzylamine PROSYNTH® <i>2-4-Dichlorobenzylamine / 2,4-Diclorobencilamina</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{NH}_2$ $\text{C}_7\text{H}_7\text{Cl}_2\text{N}$ $M = 176,05 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$ assay (GC) 96% boiling range (at 7 mbar) 81–84 °C refractive index (n_D^{20}) 1,577	FL. 2922	5 ml	41,—	34,85	32,80	30,75
63381 8/35 8 1760 2	3,4-Dichlorobenzylamine PROSYNTH® <i>3-4-Dichlorobenzylamine / 3,4-Diclorobencilamina</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{NH}_2$ $\text{C}_7\text{H}_7\text{Cl}_2\text{N}$ $M = 176,05 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$ assay (GC) 99% refractive index (n_D^{20}) 1,577	FL. 2922	5 ml	59,—	50,15	47,20	44,25
63382 A 6.1/62A C 8 1759 2	2,6-Dichlorobenzyl bromide PROSYNTH® <i>2-6-Dichlorobenzyle bromure / 2,6-Diclorobencilo bromuro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{Br}$ $\text{C}_7\text{H}_5\text{BrCl}_2$ $M = 239,93 \text{ g/mol}$ assay (GC) 98% melting range 54–56 °C	WG. 2902	25 g	63,50	54,—	50,80	47,65
63383 A 6.1/61K C 8 1760 2	2,4-Dichlorobenzyl chloride PROSYNTH® <i>2-4-Dichlorobenzyle chlorure / 2,4-Diclorobencilo cloruro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{Cl}$ $\text{C}_7\text{H}_5\text{Cl}_3$ $M = 195,48 \text{ g/mol}$ $1 \text{ L} \approx 1,41 \text{ kg}$ assay (GC) 97% refractive index (n_D^{20}) 1,576	FL. 2902	100 ml	43,75	37,20	35,—	32,80
63384 A 6.1/62A C 8 1759 2	2,6-Dichlorobenzyl chloride PROSYNTH® <i>2-6-Dichlorobenzyle chlorure / 2,6-Diclorobencilo cloruro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{Cl}$ $\text{C}_7\text{H}_5\text{Cl}_3$ $M = 195,48 \text{ g/mol}$ assay (GC) 99% melting range 37–40 °C	WG. 2902	25 g	51,—	43,35	40,80	38,25
63385 A 6.1/61K C 8 1760 2	3,4-Dichlorobenzyl chloride PROSYNTH® <i>3-4-Dichlorobenzyle chlorure / 3,4-Diclorobencilo cloruro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{Cl}$ $\text{C}_7\text{H}_5\text{Cl}_3$ $M = 195,48 \text{ g/mol}$ $1 \text{ L} \approx 1,41 \text{ kg}$ assay (GC) 97% boiling range 238–240 °C refractive index (n_D^{20}) 1,578	FL. 2902	50 ml	42,25	35,90	33,80	31,70
64888 A 6.1/21A C 6.1 2811 1	2,4-Dichlorobenzyl cyanide PROSYNTH® <i>2-4-Dichlorobenzyle cyanure / 2,4-Diclorobencilo cianuro</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_2\text{CN}$ $\text{C}_6\text{H}_5\text{Cl}_2\text{N}$ $M = 186,04 \text{ g/mol}$ assay (GC) 98% melting range 58–61 °C	WG. 2927	10 g	30,75	26,15	24,60	23,05



R: 20/21/22 S: 28
disposal: 15

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

90
(16 Boxes)

63386 2,6-Dichlorobenzyl cyanide PROSYNTH®
A 6.1/21A *2,6-Dichlorobenzyle cyanure / 2,6-Diclorobencilo cianuro*
C 6.1 2811 1 Cl2C6H3CH2CN
C6H5Cl2N $M = 186,04 \text{ g/mol}$
assay (GC) 99%
melting range 73–76 °C



R: 20/21/22 S: 28
disposal: 15

2,6-Dichloro-1-chloromethylbenzene see 2,6-Dichlorobenzyl chloride

3,4-Dichloro-1-chloromethylbenzene see 3,4-Dichlorobenzyl chloride

64850 4,6-Dichloro-o-cresol PROSYNTH®
A 6.1/22A *4,6-Dichloro-o-crésol / 4,6-Dicloro-o-cresol*
C 6.1 2811 2 Cl2C6H2(OH)CH3
C7H6Cl2O $M = 177,03 \text{ g/mol}$
assay (HPLC) 97%
melting range 51–54 °C



R: 24/25-34 S: 2-28-44
disposal: 7

64960 Dichlorocyanuric acid PROSYNTH®
A 6.1/22 *Acide dichlorocyanurique / Acido diclorocianúrico*
C 5.1 2465 2 NHCONCICONCI
C3HCl2N3O3 $M = 197,97 \text{ g/mol}$



R: 8-22-31-36/37 S: 8-26-41
disposal: 10

62484 2,3-Dichloro-5,6-dicyan-p-benzoquinone PROSYNTH®
A 6.1/21 *2,3-Dichloro-5,6-dicyano-p-benzoquinone / 2,3-Dicloro-5,6-diciano-p-benzoquinona*
C 6.1 2811 2 COCCI=CCICOC(CN)=CCN
C8Cl2N2O2 $M = 227,01 \text{ g/mol}$
assay 98%
melting range 210–214 °C (disint.)

2,7-Dichloro-3,6-dihydroxyfluorene see 2,7-Dichlorofluorescein

64804 1,1-Dichloro-3,3-dimethylbutane PROSYNTH®
A 3/3 *1,1-Dichloro-3,3-diméthylbutane / 1,1-Dicloro-3,3-dimetilbutano*
C 3.3 1993 2 $+41^\circ\text{C}$ (CH3)3CCH2CHCl2
C6H12Cl2 $M = 155,07 \text{ g/mol}$ $1 \text{ L} \approx 1,03 \text{ kg}$
assay (GC) 98%
boiling range 144–146 °C
refractive index (n_D^{20}) 1,438

R: 10 disposal: 7

63387 1,3-Dichloro-5,5-dimethylhydantoin PROSYNTH®
C 5.1 1479 2 *1,3-Dichloro-5,5-diméthylhydantoïne / 1,3-Dicloro-5,5-dimetilhidantoina*
CINCONCICOC(CH3)2
C5H6Cl2N2O2 $M = 197,02 \text{ g/mol}$
assay (ex Cl) 97%
melting range 130–133 °C

Dichlorodimethylstannan see Dimethyltin dichloride

2,3-Dichloro-1,4-dioxo-1,4-dihydronaphthalene see 2,3-Dichloronaphtoquinone-(1,4)

FL. 15 g 13,— 11,05
WG. 25 g 50,— 42,50 40,— 37
2927








WG. 100 g 22,— 18,70 17,60 16
2907

WG. 500 g 37,25 31,65 29,80 28
2935

WG. 10 g 22,— 18,70 17,60 16
2927

FL. 50 ml 49,50 42,10 39,60 37,1
2902

PF. 500 g 49,50 42,10 39,60 38,1
2925

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
4509	4,5-Dichloro-1,3-dioxolan-2-one PROSYNTH® <i>Dichloro-4,5-dioxolan-1,3-one-2 / 4,5-Dicloro1,3-dioxolan-2-ona</i> <chem>OCCOCHClCHCl</chem> $C_3H_2Cl_2O_3$ $M = 156,95$ g/mol $1\text{ L} \approx 1,58$ kg keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2921	10 ml	11,50	9,80	9,20	8,65
4744	Dichlorodiphenylsilane PROSYNTH® <i>Dichlorodiphénylsilane / Diclorodifenilsilano</i> $(C_6H_5)_2SiCl_2$ $C_{12}H_{10}Cl_2Si$ $M = 253,20$ g/mol $1\text{ L} \approx 1,22$ kg assay (ex Cl) 98% boiling range (at 13 mbar) 161–164 °C refractive index (n_D^{20}) 1,582  R: 36/37/38 S: 26 disposal: 7	FL. 2934	250 ml	38,75	32,95	31,—	29,05
30856	1,2-Dichloroethane min. 99,9% for gas chromatography <i>1-2-Dichloroéthane / 1,2-Dicloroetano</i> <chem>CH2ClCH2Cl</chem> $C_2H_4Cl_2$ $M = 98,96$ g/mol $1\text{ L} \approx 1,25$ kg   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	5 ml	49,25	41,85	39,40	36,95
34925	1,2-Dichloroethane SPECTRANAL® <i>1-2-Dichloroéthane / 1,2-Dicloroetano</i> <chem>ClCH2CH2Cl</chem> $C_2H_4Cl_2$ $M = 98,96$ g/mol $1\text{ L} \approx 1,25$ kg assay (GC) min. 99,8% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,02% free acid (as HCl) max. 0,001% suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wavelength (nm): min. 10%/225, min. 30%/230, min. 80%/240, min. 95%/250, min. 98%/from 260 min. 98%261 suitability for IR spectroscopie passes test   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	250 ml 1 L	31,50 96,—	26,80 81,60	25,20 76,80	23,65 73,90
15428	1,2-Dichloroethane <i>1-2-Dichloroéthane / 1,2-Dicloroetano</i> <chem>CH2ClCH2Cl</chem> $C_2H_4Cl_2$ $M = 98,96$ g/mol $1\text{ L} \approx 1,25$ kg assay (GC) 99,8% boiling range .. with abt. 2° difference within 81–85 °C density (D_4^{20}) 1,250–1,260 refractive index (n_D^{20}) 1,4445–1,4455 non-volatile acid 0,001% free acid (as HCl) 0,001%   R: 11-20 S: 7-16-29-33 disposal: 7	FL. FL. EKL. EKL. EKL. 2902	1 L 2,5 L 35 kg 5x 10x	19,50 36,— kg kg kg	16,60 29,90 4,15 3,85 3,60	15,60 28,10	15,— 27,—
64491	2,2-Dichloroethanol PROSYNTH® <i>2-2-Dichloroéthanol / 2,2-Dicloroetanol</i> <chem>Cl2CHCH2OH</chem> $C_2H_4Cl_2O$ $M = 114,96$ g/mol $1\text{ L} \approx 1,42$ kg assay (GC) 97% boiling range (at 15 mbar) 48–50 °C refractive index (n_D^{20}) 1,474	FL. 2904	5 ml	33,75	28,70	27,—	25,30

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x












24x

9x





(1 Box)

(4 Boxes)

(16 Boxes)


30857	1,1-Dichloroethylene min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36
A 3/1A	<i>1-1-Dichloroéthylène / 1,1-Dicloroetileno</i>	2902					
C 3.2 1993 2	$\text{CH}_2 = \text{CCl}_2$						
-10 °C	$\text{C}_2\text{H}_2\text{Cl}_2$ $M = 96,94$ g/mol $1 \text{ L} \approx 1,21$ kg						
	  R: 12-20-40 S: 7-16-29 disposal: 13						
62473	1,1-Dichloroethylene PROSYNTH® stabilized with hydroquinone monomethyl ether (180 mg/l)	FL.	1 L	22,—	18,70	17,60	16
A 3/1A	<i>1-1-Dichloroéthylène / 1,1-Dicloroetileno</i>	2902					
C 3.2 1993 2	$\text{CH}_2 = \text{CCl}_2$						
-10 °C	$\text{C}_2\text{H}_2\text{Cl}_2$ $M = 96,94$ g/mol $1 \text{ L} \approx 1,21$ kg						
	assay (GC) 99 %						
	boiling range 30—32 °C						
	refractive index (n_D^{20}) 1,425						
	  R: 12-20-40 S: 7-16-29 disposal: 13						
65153	1,2-Dichloroethylene PROSYNTH® mixture of <i>cis</i> and <i>trans</i> isomers	FL.	1 L	85,50	72,70	68,40	65
A 3/1A	<i>1-2-Dichloroéthylène / 1,2-Dicloroetileno</i>	2902					
C 3.2 1150 2	$\text{ClHC} = \text{CHCl}$						
+6 °C	$\text{C}_2\text{H}_2\text{Cl}_2$ $M = 96,94$ g/mol $1 \text{ L} \approx 1,26$ kg						
	assay (GC) 96 %						
	refractive index (n_D^{20}) 1,446						
	  R: 11-20 S: 7-16-29 disposal: 13						
30858	trans-1,2-Dichloroethylene min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36
A 3/1A	<i>trans-1-2-Dichloroéthylène / trans-1,2-Dicloroetileno</i>	2902					
C 3.2 1150 2	$\text{ClHC} = \text{CHCl}$						
+6 °C	$\text{C}_2\text{H}_2\text{Cl}_2$ $M = 96,94$ g/mol $1 \text{ L} \approx 1,26$ kg						
	  R: 11-20 S: 7-16-29 disposal: 13						
15429	trans-1,2-Dichloroethylene	FL.	1 L	108,—	91,80	86,40	83
A 3/1A	<i>trans-1-2-Dichloroéthylène / trans-1,2-Dicloroetileno</i>	2902					
C 3.2 1150 2	$\text{ClHC} = \text{CHCl}$						
+6 °C	$\text{C}_2\text{H}_2\text{Cl}_2$ $M = 96,94$ g/mol $1 \text{ L} \approx 1,26$ kg						
	  R: 11-20 S: 7-16-29 disposal: 13						
64690	2,2-Dichloroethyl methyl ether PROSYNTH®	FL.	100 ml	34,50	29,35	27,60	25
A 3/3	<i>2-2-Dichloroéthylméthyléther / 2,2-Dicloroetilmetileter</i>	2908					
C 3.3 1993 2	$\text{Cl}_2\text{CHCH}_2\text{OCH}_3$						
+29 °C	$\text{C}_3\text{H}_6\text{Cl}_2\text{O}$ $M = 128,99$ g/mol $1 \text{ L} \approx 1,23$ kg						
	assay (GC) 95 %						
	boiling range 120—122 °C						
	refractive index (n_D^{20}) 1,438						
	 R: 10-20/21/22 disposal: 7						
64018	2,7-Dichlorofluorescein PROSYNTH®	WG.	† 10 g	21,—	17,85		
	<i>2-7-Dichlorofluorescéine / 2,7-Diclorofluoresceína</i>	WG.	50 g	85,—	72,25	68,—	63
	$\text{C}_{20}\text{H}_{10}\text{Cl}_2\text{O}_5$ $M = 401,20$ g/mol	2935					
62485	1,6-Dichlorohexane PROSYNTH®	FL.	100 ml	14,25	12,10	11,40	10
A 3/4	<i>1-6-Dichlorohexane / 1,6-Diclorohexano</i>	2902					
+77 °C	$\text{Cl}(\text{CH}_2)_6\text{Cl}$						
	$\text{C}_6\text{H}_{12}\text{Cl}_2$ $M = 155,07$ g/mol $1 \text{ L} \approx 1,06$ kg						
	assay (GC) 98 %						
	boiling range (at 20 mbar) 87—90 °C						
	refractive index (n_D^{20}) 1,458						

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
α-Dichlorohydrin see 1,3-Dichloropropanol-(2)						
2,3-Dichloro-1-hydroxybenzene see 2,3-Dichlorophenol						
2,4-Dichloro-1-hydroxybenzene see 2,4-Dichlorophenol						
2,5-Dichloro-1-hydroxybenzene see 2,5-Dichlorophenol						
2,6-Dichloro-1-hydroxybenzene see 2,6-Dichlorophenol						
3,4-Dichloro-1-hydroxybenzene see 3,4-Dichlorophenol						
3,5-Dichloro-1-hydroxybenzene see 3,5-Dichlorophenol						
2067 5,7-Dichloro-8-hydroxyquinoline 5-7-Dichloro-8-hydroxyquinoléine / 5,7-Dicloro-8-hidroxiquinolina $\text{Cl}_2\text{C}_6\text{H}(\text{OH})\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_9\text{H}_5\text{Cl}_2\text{NO}$ $M = 214,05 \text{ g/mol}$	PF. FTP. 2935	1 kg 25 kg	119,— price on request	101,15	95,20	91,65
4019 2,3-Dichloriodobenzene PROSYNTH® 2-3-Dichloriodobenzène / 2,3-Dicloroyodobenceno $\text{C}_6\text{H}_3\text{Cl}_2\text{J}$ $M = 272,90 \text{ g/mol}$ assay (GC) 98% melting range 33—35 °C	FL. 2902	10 g	26,25	22,30	21,—	19,70
4020 2,4-Dichloriodobenzene PROSYNTH® 2-4-Dichloriodobenzène / 2,4-Dicloroyodobenceno $\text{C}_6\text{H}_3\text{Cl}_2\text{J}$ $M = 272,90 \text{ g/mol}$ assay (GC) 98% boiling range 260—262 °C refractive index (n_D^{20}) 1,649	FL. 2902	10 g	23,75	20,20	19,—	17,80
4021 2,5-Dichloriodobenzene PROSYNTH® 2-5-Dichloriodobenzène / 2,5-Dicloroyodobenceno $\text{C}_6\text{H}_3\text{Cl}_2\text{J}$ $M = 272,90 \text{ g/mol}$ $1 \text{ L} \approx 2,03 \text{ kg}$ assay (GC) 98% boiling range 254—256 °C refractive index (n_D^{20}) 1,646	FL. 2902	10 g	28,50	24,25	22,80	21,40
4023 3,4-Dichloriodobenzene PROSYNTH® 3-4-Dichloriodobenzène / 3,4-Dicloroyodobenceno $\text{C}_6\text{H}_3\text{Cl}_2\text{J}$ $M = 272,90 \text{ g/mol}$ assay (GC) 98% melting range 27—29 °C	FL. 2902	10 g	16,75	14,25	13,40	12,55
4842 2,3-Dichloroisobutyric acid sodium salt PROSYNTH® Acide 2-3-dichloroisobutyrique sel sodique / Acido 2,3-dicloroisobutirico, sal sódica $\text{ClCH}_2\text{CCl}(\text{CH}_3)\text{COONa}$ $\text{C}_4\text{H}_5\text{Cl}_2\text{NaO}_2$ $M = 178,98 \text{ g/mol}$ assay (ex Cl) 97%	WG. 2914	10 g	31,—	26,35	24,80	23,25
Dichloromalealdehydic acid see Mucochloric acid						
959 2,3-Dichloromaleic anhydride PROSYNTH® Anhydride dichloro-2-3-maléque / Anhídrido dicloromaléico-2,3 $\text{QCOCCL}=\text{CClCO}$ $\text{C}_4\text{Cl}_2\text{O}_3$ $M = 166,95 \text{ g/mol}$ melting range 111—114 °C	WG. 2915	100 g	34,50	29,35	27,60	25,90

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			1x	6x	24x	9x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
32222	Dichloromethane R. G., Reag. ACS, Reag. ISO,	FL.	1 L	19,50	16,60	15,20	14
C 6.1 1593 3	Reag. Ph. Eur. I, stabilized with (26 mg/l)	FL.	2,5 L	40,50	33,60	31,60	30
	<i>Dichlorométhane / Diclorometano</i>	EKL.	45 kg	kg	5,25		
	CH ₂ Cl ₂ M = 84,93 g/mol 1 L ≈ 1,32 kg	2902					
	assay min. 99,8%						
	boiling range 39,5—40,5 °C						
	density (D ₄ ²⁰) 1,324—1,326						
	refractive index (n _D ²⁰) 1,4235—1,4245						
	non-volatile matter max. 0,001 %						
	water (according to Karl Fischer) max. 0,01 %						
	free acid (as HCl) max. 0,001 %						
	aluminium (Al) max. 0,00005 %						
	barium (Ba) max. 0,0001 %						
	lead (Pb) max. 0,00001 %						
	boron (B) max. 0,000002 %						
	cadmium (Cd) max. 0,000005 %						
	calcium (Ca) max. 0,00005 %						
	chromium (Cr) max. 0,000002 %						
	iron (Fe) max. 0,00001 %						
	cobalt (Co) max. 0,000002 %						
	copper (Cu) max. 0,000002 %						
	magnesium (Mg) max. 0,00001 %						
	manganese (Mn) max. 0,000002 %						
	nickel (Ni) max. 0,000002 %						
	zinc (Zn) max. 0,00001 %						
	tin (Sn) max. 0,00001 %						
	free chlorine (Cl) max. 0,00002 %						
	chloride (Cl) max. 0,00005 %						
	reaction to sulphuric acid passes test						
	formaldehyde max. 0,0005 %						
	carbon tetrachloride max. 0,01 %						
	 R: 20 S: 24 disposal: 13						
30859	Dichloromethane min. 99,9% for gas chromatography,	FL.	5 ml	49,25	41,85	39,40	36
C 6.1 1593 3	stabilized with amylene (26 mg/l)	2902					
	<i>Dichlorométhane / Diclorometano</i>						
	CH ₂ Cl ₂ M = 84,93 g/mol 1 L ≈ 1,32 kg						
	 R: 20 S: 24 disposal: 13						
34908	Dichloromethane SPECTRANAL [®] , stabilized with amylene	FL.	1 L	38,—	32,30	30,40	29
C 6.1 1593 3	(26 mg/l)	FL.	2,5 L	83,—	68,90	64,75	62
	<i>Dichlorométhane / Diclorometano</i>	2902					
	CH ₂ Cl ₂ M = 84,93 g/mol 1 L ≈ 1,32 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,001 %						
	water (acc. to Karl Fischer) max. 0,02 %						
	free acid (as HCl) max. 0,001 %						
	suitability for UV spectroscopy						
	transmittance (1 cm cell/reference:water)						
	transmittance/wavelength (nm):						
	suitability for IR spectroscopy passes test						
	 R: 20 S: 24 disposal: 13						
34856	Dichloromethane CHROMASOLV [®] for chromatography (UV-	FL.	1 L	22,75	19,35	18,20	17
C 6.1 1593 3	detection), stabilized with amylene (26 mg/l)	2902					
	<i>Dichlorométhane / Diclorometano</i>						
	CH ₂ Cl ₂ M = 84,93 g/mol 1 L ≈ 1,32 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,001 %						
	water (according to Karl Fischer) max. 0,02 %						
	free acid (as HCl) max. 0,001 %						
	transmittance (1 cm cell;						
	reference water)						
	transmittance/wavelength (nm):						
	min. 20 %/235, min. 50 %/240,						
	min. 80 %/245, min. 98 %/from 260						
	 R: 20 S: 24 disposal: 13						

488 **Dichloromethane PESTANAL®**, stabilized with amylen
 6.1 1593 3 (26 mg/l)
Dichlorométhane / Diclorometano

CH₂Cl₂ M = 84,93 g/mol 1 L ≈ 1,32 kg
 assay (GC) min. 99,8%
 non-volatile matter max. 0,0005%
 water (according to Karl Fischer) max. 0,02%
 suitability for residue analysis:
 Traceable accompanying substances (GC/ECD) (column
 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro-
 mosorb® 100/200) show in the retention volum zones
 between Pentachlorobenzene, α-HCH, Aldrin and DDT a
 peak of < 5 · 10⁻¹⁰ % = 5 ng/l.

 R: 20 S: 24
 disposal: 13

FL.	1 L	41,25	35,05	33,—	31,75
FL.	2,5 L	87,—	72,20	67,85	65,25
2902					

7925 **Dichloromethane MOS PURANAL®** particle class 0,
 6.1 1593 3 stabilized with amylen (26 mg/l)
Dichlorométhane / Diclorometano

CH₂Cl₂ M = 84,93 g/mol 1 L ≈ 1,32 kg
 assay (GC) min. 99,8%
 boiling range 39,5—40,5 °C
 density (D₄²⁰) 1,324—1,326
 refractive index (n_D²⁰) 1,4235—4245
 non-volatile matter max. 5 ppm
 water (according to Karl Fischer) max. 100 ppm
 free acid (as HCl) max. 10 ppm
 free alkali (as NH₃) max. 1 ppm
 aluminium (Al) max. 0,05 ppm
 antimony (Sb) max. 0,01 ppm
 arsenic (As) max. 0,01 ppm
 barium (Ba) max. 0,1 ppm
 beryllium (Be) max. 0,01 ppm
 lead (Pb) max. 0,02 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,01 ppm
 calcium (Ca) max. 0,2 ppm
 chromium (Cr) max. 0,01 ppm
 iron (Fe) max. 0,1 ppm
 gallium (Ga) max. 0,02 ppm
 gold (Au) max. 0,02 ppm
 indium (In) max. 0,02 ppm
 potassium (K) max. 0,1 ppm
 cobalt (Co) max. 0,01 ppm
 copper (Cu) max. 0,01 ppm
 lithium (Li) max. 0,02 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,01 ppm
 molybdenum (Mo) max. 0,01 ppm
 sodium (Na) max. 0,2 ppm
 nickel (Ni) max. 0,01 ppm
 platinum (Pt) max. 0,02 ppm
 silver (Ag) max. 0,02 ppm
 strontium (Sr) max. 0,02 ppm
 thallium (Tl) max. 0,02 ppm
 titanium (Ti) max. 0,01 ppm
 vanadium (V) max. 0,01 ppm
 bismuth (Bi) max. 0,02 ppm
 zinc (Zn) max. 0,05 ppm
 tin (Sn) max. 0,02 ppm
 zirconium (Zr) max. 0,01 ppm
 free chlorine (Cl) max. 0,2 ppm
 chloride (Cl) max. 0,5 ppm

 R: 20 S: 24
 disposal: 13

FL.	2,5 L	price on request
2902		

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9x
(1 Box) (4 Boxes) (18 Boxes)

17953 Dichloromethane PURANAL® stabilized with amylene

C 6.1 1593 3

(20 mg/l)

Dichlorométhane / Diclorometano

CH₂Cl₂ M = 84,93 g/mol 1 L ≈ 1,32 kg

assay (GC)	min. 99,8%
boiling range	39,5–40,5 °C
density (D ₄ ²⁰)	1,324–1,326
refractive index (n _D ²⁰)	1,4235–1,4245
non-volatile matter	max. 5 ppm
water (according to Karl Fischer)	max. 100 ppm
free acid (as HCl)	max. 10 ppm
free alkali (as NH ₃)	max. 1 ppm
aluminium (Al)	max. 0,05 ppm
antimony (Sb)	max. 0,01 ppm
arsenic (As)	max. 0,01 ppm
barium (Ba)	max. 0,1 ppm
beryllium (Be)	max. 0,01 ppm
lead (Pb)	max. 0,02 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,01 ppm
calcium (Ca)	max. 0,2 ppm
chromium (Cr)	max. 0,01 ppm
iron (Fe)	max. 0,1 ppm
gallium (Ga)	max. 0,02 ppm
gold (Au)	max. 0,02 ppm
indium (In)	max. 0,02 ppm
potassium (K)	max. 0,1 ppm
cobalt (Co)	max. 0,01 ppm
copper (Cu)	max. 0,01 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,01 ppm
molybdenum (Mo)	max. 0,01 ppm
sodium (Na)	max. 0,2 ppm
nickel (Ni)	max. 0,01 ppm
platinum (Pt)	max. 0,02 ppm
silver (Ag)	max. 0,02 ppm
strontium (Sr)	max. 0,02 ppm
thallium (Tl)	max. 0,02 ppm
titanium (Ti)	max. 0,01 ppm
vanadium (V)	max. 0,01 ppm
bismuth (Bi)	max. 0,02 ppm
zinc (Zn)	max. 0,05 ppm
tin (Sn)	max. 0,02 ppm
zirconium (Zr)	max. 0,01 ppm
free chlorine (Cl)	max. 0,2 ppm
chloride (Cl)	max. 0,5 ppm



R: 20 S: 24
disposal: 13

FL.
2902

2,5 L

price on request

60135 Dichloromethane PROSYNTH®, stabilized with amylene

C 6.1 1593 3

(26 mg/l)

Dichlorométhane / Diclorometano

CH₂Cl₂ M = 84,93 g/mol 1 L ≈ 1,32 kg

assay (GC)	99,5%
boiling range	39–41 °C
refractive index (n _D ²⁰)	1,424



R: 20 S: 24
disposal: 13

FL.
2902

2,5 L

38,50

31,95

30,05

28

24233 Dichloromethane chem. pure, stabilized with amylene

C 6.1 1593 3

(26 mg/l)

Dichlorométhane / Diclorometano

CH₂Cl₂ M = 84,93 g/mol 1 L ≈ 1,32 kg

assay (GC)	99,8%
boiling range	39–42 °C
density (D ₄ ²⁰)	1,322–1,325
refractive index (n _D ²⁰)	1,4230–1,4250
non-volatile matter	0,001%
water (according to Karl Fischer)	0,02%
free acid (as HCl)	0,001%
chloride (Cl)	0,0001%



R: 20 S: 24
disposal: 13

FL.
FL.
EKL.
EKL.
EKL.
EKL.
F.
2902

1 L

17,75

15,10

14,20

13

2,5 L

37,25

30,90

29,05

27

45 kg

kg

4,15

5x

kg

3,90

10x

kg

3,60

20x





kg

3,35

250 kg

kg

3,35

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2,5-Dichloro-1-methylbenzene see 2,5-Dichlorotoluene							
389 3/3 3.3 1993 2 50 °C	1,3-Dichloro-3-methylbutane PROSYNTH® 1-3-Dichloro-3-méthylbutane / 1,3-Dicloro-3-metilbutano ClCH ₂ CH ₂ C(CH ₃) ₂ Cl C ₅ H ₁₀ Cl ₂ M = 141,04 g/mol 1 L ≈ 1,08 kg assay (GC) 97% boiling range (at 40 mbar) 58–60 °C refractive index (n _D ²⁰) 1,448 R: 10 disposal: 7	FL. 2902	100 ml	56,—	47,60	44,80	42,—
4512 8/22 8 1760 2	Dichloromethyl methyl ether PROSYNTH® Ether méthylique du dichlorométhyle / Eter diclorometilmetilico Cl ₂ CHOCH ₃ C ₂ H ₄ Cl ₂ O M = 114,96 g/mol 1 L ≈ 1,29 kg assay (GC) 98% boiling range 82–84 °C refractive index (n _D ²⁰) 1,430	FL. 2908	100 ml	83,50	71,—	66,80	62,65
4024	2,4-Dichloronaphthol-(1) PROSYNTH® 2-4-Dichloronaphtol-(1) / 2,4-Dicloronaftol-(1) OHC ₁₀ H ₅ Cl ₂ C ₁₀ H ₆ Cl ₂ O M = 213,06 g/mol assay (HPLC) 98% melting range 104–107 °C	WG. 2902	10 g	29,50	25,10	23,60	22,15
3390	2,3-Dichloronaphthoquinone-(1,4) PROSYNTH® 2-3-Dichloronaphtoquinone-(1-4) / 2,3- Dicloronaftoquinona-(1,4) C ₆ H ₄ COCCl=CClCO C ₁₀ H ₄ Cl ₂ O ₂ M = 227,05 g/mol assay (ex Cl) 98% melting range 193–195 °C  R: 20/21/22-38 S: 2-13 disposal: 7	WG. 2913	250 g	42,25	35,90	33,80	31,70
4513 6.1/21F 6.1 2811 2	2,6-Dichloro-4-nitroaniline PROSYNTH® Dichloro-2-6-nitro-4-aniline / 2,6-Dicloro-4-nitroanilina NH ₂ C ₆ H ₂ Cl ₂ NO ₂ C ₆ H ₄ Cl ₂ N ₂ O ₂ M = 207,02 g/mol assay (GC) 97% melting range 188–192 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	250 g	36,75	31,25	29,40	27,55
5211 6.1/21E 6.1 1661 2	4,5-Dichloro-2-nitroaniline PROSYNTH® Dichloro-4-5-nitro-2-aniline / 4,5-Dicloro-2-nitroanilina NH ₂ C ₆ H ₂ Cl ₂ NO ₂ C ₆ H ₄ Cl ₂ N ₂ O ₂ M = 207,02 g/mol melting range 177–178 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2922	25 g	price on request			
2487 6.1/21K 6.1 2811 2	2,4-Dichloronitrobenzene PROSYNTH® 2-4-Dichloronitrobenzène / 2,4-Dicloronitrobenceno C ₆ H ₃ Cl ₂ NO ₂ M = 192,00 g/mol assay (GC) 99% melting range 30–33 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	500 g	36,—	30,60	28,80	27,70

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x






6x








24x

(1 Box)

(4 Boxes)

(16)

63724	2,5-Dichloronitrobenzene PROSYNTH®	FL.	500 g	44,25	37,60	35,40	3
A 6.1/21K	<i>2,5-Dichloronitrobenzène / 2,5-Dicloronitrobenceno</i>	2903					
C 6.1 2811 2	<chem>C6H3Cl2NO2</chem> $M = 192,00$ g/mol						
	assay (GC) 99%						
	melting range 53–54 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
35831	3,4-Dichloronitrobenzene min. 99% PESTANAL®	FL.	5 g	21,50	18,30	17,20	1
A 6.1/21K	<i>3,4-Dichloronitrobenzène / 3,4-Dicloronitrobenceno</i>	2903					
C 6.1 2811 2	<chem>Cl2C6H3NO2</chem> <chem>C6H3Cl2NO2</chem> $M = 192,00$ g/mol						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
64514	3,4-Dichloronitrobenzene PROSYNTH®	WG.	1 kg	54,50	46,35	43,60	4
A 6.1/21	<i>3,4-Dichloronitrobenzène / 3,4-Dicloronitrobenceno</i>	2903					
B 6.1/21I	<chem>C6H3Cl2NO2</chem> $M = 192,00$ g/mol						
C 6.1 2811 2	assay (GC) 97%						
	melting range 39–42 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
64852	3,5-Dichloronitrobenzene PROSYNTH®	WG.	25 g	29,75	25,30	23,80	2
A 6.1/21I	<i>3,5-Dichloronitrobenzène / 3,5-Dicloronitrobenceno</i>	2903					
C 6.1 2811 2	<chem>C6H3Cl2NO2</chem> $M = 192,00$ g/mol						
	assay (GC) 98%						
	melting range 61–63 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
64882	2,4-Dichloro-6-nitrophenol PROSYNTH®	WG.	25 g	26,50	22,55	21,20	1
A 6.1/22	<i>2,4-Dichloro-6-nitrophénol / 2,4-Dicloro-6-nitrofenol</i>	2907					
C 6.1 2811 3	<chem>Cl2C6H2(OH)NO2</chem> <chem>C6H3Cl2NO3</chem> $M = 208,00$ g/mol						
63392	2,6-Dichloro-4-nitrophenol PROSYNTH®	WG.	100 g	87,50	74,40	70,—	6
A 6.1/21L	<i>2,6-Dichloro-4-nitrophénol / 2,6-Dicloro-4-nitrofenol</i>	2907					
C 6.1 2811 3	<chem>Cl2C6H2(OH)NO2</chem> <chem>C6H3Cl2NO3</chem> $M = 208,00$ g/mol						
	assay (GC) 98%						
	melting range 123–125 °C (disint.)						
	 R: 23/24/25 S: 44 disposal: 20						
61228	2,3-Dichlorooctafluorobutane PROSYNTH®	FL.	25 ml	122,50	104,15	98,—	9
A 6.1/23	<i>2,3-Dichlorooctafluorobutane / 2,3-Diclorooctafluorobutano</i>	2902					
C 6.1 2810 2	<chem>CF3CClFCClF3</chem> <chem>C4Cl2F8</chem> $M = 270,94$ g/mol $1\text{ L} \approx 1,69\text{ kg}$						
	assay (GC) 98%						
	boiling range 62–64 °C						
	refractive index (n_D^{20}) 1,311						
	Dichloro-α-oxotoluene see Dichlorobenzaldehyde						
64805	1,5-Dichloropentane PROSYNTH®	FL.	100 ml	46,50	39,55	37,20	3
A 3/3	<i>1,5-Dichloropentane / 1,5-Dicloropentano</i>	2902					
C 3.3 1152 2	<chem>Cl(CH2)5Cl</chem> <chem>C5H10Cl2</chem> $M = 141,04$ g/mol $1\text{ L} \approx 1,10\text{ kg}$						
+41 °C	assay (GC) 98%						
	boiling range (at 13 mbar) 63–66 °C						
	refractive index (n_D^{20}) 1,457						
	R: 10 disposal: 7						

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
2488	2,3-Dichlorophenol PROSYNTH® 2-3-Dichlorophénol / 2,3-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol assay (GC) 98% melting range 55—57 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	100 g	83,—	70,55	66,40	62,25
5811	2,4-Dichlorophenol min. 99% PESTANAL® 2-4-Dichlorophénol / 2,4-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol  R: 22-36/38 S: 26-28 disposal: 7	FL. 2907	1 g	19,50	16,60	15,60	14,65
2489	2,4-Dichlorophenol PROSYNTH® 2-4-Dichlorophénol / 2,4-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol assay (GC) 97% melting range 40—43 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	250 g	12,75	10,85	10,20	9,55
35835	2,5-Dichlorophenol min. 99% PESTANAL® 2-5-Dichlorophénol / 2,5-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol  R: 22-36/38 S: 26-28 disposal: 7	FL. 2907	5 g	21,50	18,30	17,20	16,15
52490	2,5-Dichlorophenol PROSYNTH® 2-5-Dichlorophénol / 2,5-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol assay (GC) 98% melting range 54—56 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	100 g	58,50	49,75	46,80	43,90
62491	2,6-Dichlorophenol PROSYNTH® 2-6-Dichlorophénol / 2,6-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol assay (GC) 98% melting range 64—66 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	50 g	38,25	32,50	30,60	28,70
62492	3,4-Dichlorophenol PROSYNTH® 3-4-Dichlorophénol / 3,4-Diclorofenol Cl ₂ C ₆ H ₃ OH C ₆ H ₄ Cl ₂ O M = 163,00 g/mol assay (GC) 98% melting range 65—67 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	50 g	54,50	46,35	43,60	40,90

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.




Price per
package DM




1x

6x
(1 Box)

24x
(4 Boxes)

30x
(10 Boxes)

62493	3,5-Dichlorophenol PROSYNTH® 3-5-Dichlorophénol / 3,5-Diclorofenol <chem>Cl2C6H3OH</chem> <chem>C6H4Cl2O</chem> M = 163,00 g/mol assay (GC) 98% melting range 65–67 °C  R: 22-36/38 S: 26-28 disposal: 7	WG. 2907	10 g	10,75	9,15	8,60	
33125	2,6-Dichlorophenolindophenol sodium salt dihydrate R. G., Reag. Ph. Eur. I 2-6-Dichlorophénolindophénol sel sodique dihydrate / 2,6-Diclorofenolindofenol sal sódica dihidrato <chem>C12H8Cl2NNaO2 · 2H2O</chem> M = 326,11 g/mol Dichlorophenolsulphonphthalein see Chlorophenol red	WG. WG. 2926	5 g 25 g	23,25 92,—	19,75 78,20	18,60 73,60	1 6
64892	2,3-Dichlorophenoxyacetic acid PROSYNTH® Acide 2-3-dichlorophénoxyacétique / Acido 2,3- diclorofenoxiacético <chem>Cl2C6H3OCH2COOH</chem> <chem>C6H5Cl2O3</chem> M = 221,04 g/mol assay (alkalimetric) 98% melting range 170–172 °C  R: 20/21/22 S: 2-13 disposal: 21	FL. 2916	1 g	14,—	11,90	11,20	10
64898	2,4-Dichlorophenylacetic acid PROSYNTH® Acide 2-4-dichlorophénylacétique / Acido 2,4- diclorofenilacético <chem>Cl2C6H3CH2COOH</chem> <chem>C6H5Cl2O2</chem> M = 205,04 g/mol assay (alkalimetric) 97% melting range 128–130 °C	WG. 2914	5 g	23,25	19,75	18,60	17
64899	2,6-Dichlorophenylacetic acid PROSYNTH® Acide 2-6-dichlorophénylacétique / Acido 2,6- diclorofenilacético <chem>Cl2C6H3CH2COOH</chem> <chem>C6H5Cl2O2</chem> M = 205,04 g/mol assay (alkalimetric) 98% melting range 158–160 °C	WG. 2914	5 g	27,—	22,95	21,60	20
62494	3,4-Dichlorophenyl iso-cyanate PROSYNTH® 3-4-Dichlorophényliso-cyanate / 3,4-Diclorofeniliso- cianato <chem>Cl2C6H3NCO</chem> <chem>C7H3Cl2NO</chem> M = 188,01 g/mol assay (GC) 98% melting range 41–43 °C  R: 23/24/25 S: 44 disposal: 7	FL. 2930	100 g	12,—	10,20	9,60	9
63393	2,5-Dichlorophenylhydrazine PROSYNTH® 2-5-Dichlorophénylhydrazine / 2,5-Diclorofenilhidracina <chem>Cl2C6H3NHNH2</chem> <chem>C6H5Cl2N2</chem> M = 177,03 g/mol assay (ex N) 98% melting range 99–101 °C	WG. 2929	5 g	30,75	26,15	24,60	23

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
4026	2,5-Dichlorophenylmethylcarbinol PROSYNTH® <i>2-5-Dichlorophénylméthylcarbinol / 2,5-Diclorofenilmetilcarbinol</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CHOHCH}_3$ $\text{C}_8\text{H}_8\text{Cl}_2\text{O}$ $M = 191,06 \text{ g/mol}$ assay (GC) 98% melting range 56–59 °C	WG. 2905	10 g	46,25	39,30	37,—	34,70
4027	2,6-Dichlorophenylmethylcarbinol PROSYNTH® <i>2-6-Dichlorophénylméthylcarbinol / 2,6-Diclorofenilmetilcarbinol</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CHOHCH}_3$ $\text{C}_8\text{H}_8\text{Cl}_2\text{O}$ $M = 191,06 \text{ g/mol}$ assay (GC) 97% melting range 32–34 °C	WG. 2905	10 g	44,50	37,85	35,60	33,40
4028	3,4-Dichlorophenylmethylcarbinol PROSYNTH® <i>3-4-Dichlorophénylméthylcarbinol / 3,4-Diclorofenilmetilcarbinol</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CHOHCH}_3$ $\text{C}_8\text{H}_8\text{Cl}_2\text{O}$ $M = 191,06 \text{ g/mol}$ $1 \text{ L} \approx 1,29 \text{ kg}$ assay (GC) 95% boiling range (at 3 mbar) 125–128 °C refractive index (n_D^{20}) 1,563	FL. 2905	10 g	34,50	29,35	27,60	25,90
64934	3,5-Dichlorophenylmethylsulphone PROSYNTH® <i>3-5-Dichlorophénylméthylsulfone / 3,5-Diclorofenilmetilsulfón</i> $(\text{Cl}_2\text{C}_6\text{H}_3)\text{SO}_2(\text{CH}_3)$ $\text{C}_7\text{H}_6\text{Cl}_2\text{O}_2\text{S}$ $M = 225,09 \text{ g/mol}$	WG. 2931	250 g	31,—	26,35	24,80	23,25
64517 A 8/11A C 8 1760 2	Dichlorophenyl phosphine PROSYNTH® <i>Dichlorophénylphosphine / Diclorofenilfosfina</i> $\text{C}_6\text{H}_5\text{PCl}_2$ $\text{C}_6\text{H}_5\text{Cl}_2\text{P}$ $M = 178,99 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$ assay (GC) 98% boiling range 220–222 °C refractive index (n_D^{20}) 1,598  R: 34 S: 26 disposal: 7	FL. 2934	250 ml	76,—	64,60	60,80	57,—
35711 A 6.1/81A C 6.1 1615 2	Dichlorophos (DDVP) min. 99% PESTANAL® [0,0-Dimethyl-0-(2,2-dichlorovinyl)-phosphate] $(\text{CH}_3\text{O})_2\text{P}(\text{O})\text{OCH}=\text{CCl}_2$ $\text{C}_4\text{H}_7\text{Cl}_2\text{O}_4\text{P}$ $M = 220,98 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2919	2 g	56,50	48,05	45,20	42,40
64930	4,5-Dichlorophthalic acid PROSYNTH® <i>Acide 4-5-dichlorophthalique / Acido 4,5-dicloroftálico</i> $\text{Cl}_2\text{C}_6\text{H}_2(\text{COOH})_2$ $\text{C}_8\text{H}_4\text{Cl}_2\text{O}_4$ $M = 235,02 \text{ g/mol}$ assay (HPLC) 97% melting range 195–197 °C (disint.)	WG. 2915	100 g	22,—	18,70	17,60	16,50
35717 A 6.1/83 C 6.1 ./. 3	Dichloroprop min. 99% PESTANAL® [2-(2,4-Dichlorophenoxy)-propionic acid] $\text{Cl}_2\text{C}_6\text{H}_3\text{OCH}(\text{CH}_3)\text{COOH}$ $\text{C}_9\text{H}_8\text{Cl}_2\text{O}_3$ $M = 235,07 \text{ g/mol}$  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	21,50	18,30	17,20	16,15

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Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (18 Boxes)

30860 1,2-Dichloropropane min. 99,9% for gas chromatography
A 3/1 *Dichloro-1-2-propane / 1,2-Dicloropropano*
C 3.2 1993 2 CH2ClCHClCH3
+4 °C C3H6Cl2 $M = 112,99 \text{ g/mol}$ 1 L \approx 1,16 kg



R: 11-20 S: 9-16-29-33
disposal: 7

FL.
2902

5 ml 49,25 41,85 39,40 38,00

64519 1,3-Dichloropropane PROSYNTH®
A 3/1A *Dichloro-1-3-propane / 1,3-Dicloropropano*
C 3.2 1993 2 Cl(CH2)3Cl
+20 °C C3H6Cl2 $M = 112,99 \text{ g/mol}$ 1 L \approx 1,19 kg
assay (GC) 98%
boiling range 122–124 °C
refractive index (n_D^{20}) 1,448



R: 11-20 S: 9-16-29-33
disposal: 7

FL.
2902

100 ml 51,— 43,35 40,80 38,00

64817 2,2-Dichloropropane PROSYNTH®
A 3/1A *Dichloro-2-2-propane / 2,2-Dicloropropano*
C 3.2 1279 2 CH3CCl2CH3
+20 °C C3H6Cl2 $M = 112,99 \text{ g/mol}$ 1 L \approx 1,09 kg
assay (GC) 98%
boiling range 67–69 °C
refractive index (n_D^{20}) 1,415



R: 11-20 S: 9-16-29-33
disposal: 7

FL.
2902

10 ml 51,50 43,80 41,20 38,00

60136 1,3-Dichloro-2-propanol PROSYNTH® (α -dichlorohydrin)
A 6.1/12A *Dichloro-1-3-propanol-(2) / 1,3-Dicloropropanol-(2)*
C 6.1 2810 2 ClCH2CHOHCH2Cl
C3H6Cl2O $M = 128,99 \text{ g/mol}$ 1 L \approx 1,36 kg
assay (GC) 98%
boiling range 174–176 °C
refractive index (n_D^{20}) 1,483

PF.
2904

500 ml 40,— 34,— 32,— 30,—

64816 1,1-Dichloro-1-propene PROSYNTH®
A 3/3 *1-1-Dichloro-1-propène / 1,1-Dicloro-1-propeno*
C 3.3 2047 2 CH3CH=CCl2
+35 °C C3H4Cl2 $M = 110,97 \text{ g/mol}$ 1 L \approx 1,18 kg
assay (GC) 97%
boiling range 76–78 °C
refractive index (n_D^{20}) 1,445

FL.
2902

10 ml 31,25 26,55 25,— 23,—



R: 11-25 S: 16-29-33-44
disposal: 7




63394 2,3-Dichloro-1-propene PROSYNTH®
A 3/1A *Dichloro-2-3-propène-(1) / 2,3-Dicloropropeno-(1)*
C 3.2 1993 2 ClCH2CCl=CH2
+10 °C C3H4Cl2 $M = 110,97 \text{ g/mol}$ 1 L \approx 1,21 kg
assay (GC) 98%
boiling range 92–94 °C
refractive index (n_D^{20}) 1,461
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2902

100 ml 19,75 16,80 15,80 14,80



R: 11-22 S: 9-16-29-33
disposal: 7

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4961 8/21 8 *2511 3	2,3-Dichloropropionic acid PROSYNTH® <i>Acide 2-3-dichloropropionique / Acido 2,3-dicloropropiónico</i> <chem>ClCH2CHClCOOH</chem> <chem>C3H4Cl2O2</chem> $M = 142,97$ g/mol assay (alkalimetric) 98% melting range 45–47 °C  R: 36/37/38 S: 26 disposal: 21	WG. 2914	25 g	41,50	35,30	33,20	31,15
63395 A 8/21A2 C 8 1760 2	2,2-Dichloropropionic acid sodium salt PROSYNTH® <i>Acide 2-2-dichloropropionique sel sodique / Acido 2,2-dicloropropiónico sal sódica</i> <chem>CH3CCl2COONa</chem> <chem>C3H3Cl2NaO2</chem> $M = 164,95$ g/mol boiling range (at 19 mbar) 88–91 °C refractive index (n_D^{20}) 1,480  R: 36/37/38 S: 26 disposal: 21	FL. 2914	250 ml	29,50	25,10	23,60	22,15
35718 A 6.1/83 C 6.1 1615 3	Dichloroprop-methyl ester min. 99% PESTANAL® [2-(2,4-Dichlorophenoxy)-methyl propionate] <chem>Cl2C6H3OCH(CH3)COOCH3</chem> <chem>C10H10Cl2O3</chem> $M = 249,09$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	2 g	35,75	30,40	28,60	26,80
62495	2,6-Dichloropyridine PROSYNTH® <i>2-6-Dichloropyridine / 2,6-Dicloropiridina</i> $N = \text{CCICH} = \text{CHCH} = \text{CCI}$ <chem>C5H3Cl2N</chem> $M = 147,99$ g/mol assay (GC) 99% melting range 85–87 °C	PF. 2935	100 g	35,25	29,95	28,20	26,45
63814	3,5-Dichloropyridine PROSYNTH® <i>3-5-Dichloropyridine / 3,5-Dicloropiridina</i> <chem>C5H3Cl2N</chem> $M = 147,99$ g/mol assay (GC) 97% melting range 65–67 °C	WG. 2935	25 g	14,25	12,10	11,40	10,70
63396	2,4-Dichloropyrimidine PROSYNTH® <i>2-4-Dichloropyrimidine / 2,4-Dicloropirimidina</i> $N = \text{CCIN} = \text{CCICH} = \text{CH}$ <chem>C4H2Cl2N2</chem> $M = 148,98$ g/mol assay (UV) 90% melting range 58–60 °C log $\epsilon/259$ (H ₂ O, pH 7) 3,569	FL. 2935	1 g	35,50	30,20	28,40	26,65
63397	4,6-Dichloropyrimidine PROSYNTH® <i>4-6-Dichloropyrimidine / 4,6-Dicloropirimidina</i> $N = \text{CHN} = \text{CCICH} = \text{CCI}$ <chem>C4H2Cl2N2</chem> $M = 148,98$ g/mol assay (ex Cl) 98% melting range 65–67 °C	FL. 2935	1 g	37,25	31,65	29,80	27,95
63398	4,7-Dichloroquinoline PROSYNTH® <i>4-7-Dichloroquinoléine / 4,7-Dicloroquinolina</i> <chem>ClC6H3N = CHCH = CCI</chem> <chem>C9H5Cl2N</chem> $M = 198,05$ g/mol assay (ex Cl) 98% melting range 79–80 °C	WG. 2935	25 g	27,25	23,15	21,80	20,45

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Type of package
B.T.N.

Price per
package DM



1x
(1 Box)

6x
(6 Boxes)

24x
(4 Boxes)

9
(18 Boxes)

33181	2,6-Dichloroquinone-4-chlorimide R. G. <i>2,6-Dichloroquinone-4-chlorimide / 2,6-Dicloroquinona-4-clorimida</i> <chem>OC6H2Cl2 = NCl</chem> <chem>C6H2Cl3NO</chem> $M = 210,45$ g/mol assay min. 98 % melting range 65–67 °C iron (Fe) max. 0,002 % heavy metals (as Pb) max. 0,002 % sulphated ash max. 0,1 % suitability for proof of phenol passes test	WG. 2913	10 g	20,25	17,20	16,20	15
63399	2,6-Dichlorostyrene <i>2,6-Dichlorostyrène / 2,6-Dicloroestireno</i> <chem>Cl2C6H3CH = CH2</chem> <chem>C6H5Cl2</chem> assay (GC) 96 %	FL. 2902	10 g	109,—	92,65	87,20	81
63816 A 3/4	3,4-Dichlorostyrene PROSYNTH® stabilized with 4- <i>tert.</i> -butylpyrocatechol (0,8 g/l) <i>3,4-Dichlorostyrène / 3,4-Dicloroestireno</i> <chem>Cl2C6H3CH = CH2</chem> <chem>C6H5Cl2</chem> $M = 173,04$ g/mol $1\text{ L} \approx 1,26$ kg assay (GC) 97 % boiling range (at 2 mbar) 61–63 °C refractive index (n_D^{20}) 1,585	FL. 2902	5 ml	50,—	42,50	40,—	37
64831	meso-2,3-Dichlorosuccinic acid PROSYNTH® <i>Acide meso-2,3-dichlorosuccinique / Acido meso-2,3-diclorosuccinico</i> <chem>HOOCCHClCHClCOOH</chem> <chem>C4H4Cl2O4</chem> $M = 186,98$ g/mol	WG. 2915	5 g	39,25	33,35	31,40	29
61414 A 6.1/61B C 6.1 2810 2	1,3-Dichloro-1,1,3,3-tetrafluoroacetone PROSYNTH® <i>1,3-Dichloro-1-1-3-3-tétrafluoroacétone / 1,3-Dicloro-1,1,3,3-tetrafluoroacetona</i> <chem>ClCF2COCF2Cl</chem> <chem>C3Cl2F4O</chem> $M = 198,93$ g/mol $1\text{ L} \approx 1,52$ kg assay (GC) 98 % boiling range 43–46 °C refractive index (n_D^{20}) 1,331	FL. 2913	5 ml	25,75	21,90	20,60	19,3
64029 A 6.1/21 C 6.1 2810 3	2,5-Dichlorothiophene PROSYNTH® <i>2,5-Dichlorothiophène / 2,5-Diclorotiofeno</i> <chem>SCCl = CHCH = CCl</chem> <chem>C4H2Cl2S</chem> $M = 153,03$ g/mol $1\text{ L} \approx 1,44$ kg assay (GC) 96 % boiling range 159–182 °C refractive index (n_D^{20}) 1,562	FL. 2935	10 ml	35,75	30,40	28,60	26,8
64520 A 6.1/61 C 6.1 2810 3	2,4-Dichlorotoluene PROSYNTH® <i>Dichloro-2,4-toluène / 2,4-Diclorotolueno</i> <chem>CH3C6H3Cl2</chem> <chem>C7H5Cl2</chem> $M = 161,03$ g/mol $1\text{ L} \approx 1,25$ kg assay (GC) 99 % boiling range 197–199 °C refractive index (n_D^{20}) 1,546	FL. 2902	250 ml	34,25	29,10	27,40	25,7
64030 A 3/4 + 83 °C	2,5-Dichlorotoluene PROSYNTH® <i>2,5-Dichlorotoluène / 2,5-Diclorotolueno</i> <chem>CH3C6H3Cl2</chem> <chem>C7H5Cl2</chem> $M = 161,03$ g/mol assay (GC) 98 % boiling range 198–200 °C refractive index (n_D^{20}) 1,546	FL. 2902	10 ml	30,25	25,70	24,20	22,7

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963 3/4 79 °C	2,6-Dichlorotoluene PROSYNTH® <i>2,6-Dichlorotoluène / 2,6-Diclorotolueno</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_3$ $\text{C}_7\text{H}_5\text{Cl}_2$ $M = 181,03 \text{ g/mol}$ $1 \text{ L} \approx 1,27 \text{ kg}$ assay (GC) 98% boiling range (at 15 mbar) 73–76 °C refractive index (n_D^{20}) 1,551	FL. 2902	100 ml	28,50	24,25	22,80	21,40
4964 3/4 90 °C	3,4-Dichlorotoluene PROSYNTH® <i>3,4-Dichlorotoluène / 3,4-Diclorotolueno</i> $\text{Cl}_2\text{C}_6\text{H}_3\text{CH}_3$ $\text{C}_7\text{H}_5\text{Cl}_2$ $M = 181,03 \text{ g/mol}$ $1 \text{ L} \approx 1,25 \text{ kg}$ assay (GC) 98% boiling range (at 20 mbar) 87–90 °C refractive index (n_D^{20}) 1,547	FL. 2902	100 ml	23,25	19,75	18,60	17,45
Dichlorovinylbenzene see under Dichlorostyrene							
3401 6.1/23 8 1759 2	α, α'-Dichloro-o-xylene PROSYNTH® <i>α, α'-Dichloro-o-xylène / α, α'-Dicloro-o-xileno</i> $\text{C}_6\text{H}_4(\text{CH}_2\text{Cl})_2$ $\text{C}_8\text{H}_6\text{Cl}_2$ $M = 175,06 \text{ g/mol}$ assay (GC) 99% melting range 54–56 °C	WG. 2902	10 g	11,50	9,80	9,20	8,65
3402 6.1/23 8 1759 2	α, α'-Dichloro-m-xylene PROSYNTH® <i>α, α'-Dichloro-m-xylène / α, α'-Dicloro-m-xileno</i> $\text{C}_6\text{H}_4(\text{CH}_2\text{Cl})_2$ $\text{C}_8\text{H}_6\text{Cl}_2$ $M = 175,06 \text{ g/mol}$ assay (GC) 98% melting range 34–36 °C	WG. 2902	10 g	34,—	28,90	27,20	25,50
3403 6.1/23A 6.1 2811 2	α, α'-Dichloro-p-xylene PROSYNTH® <i>α, α'-Dichloro-p-xylène / α, α'-Dicloro-p-xileno</i> $\text{C}_6\text{H}_4(\text{CH}_2\text{Cl})_2$ $\text{C}_8\text{H}_6\text{Cl}_2$ $M = 175,06 \text{ g/mol}$ assay (GC) 99% melting range 99–101 °C	WG. 2902	50 g	23,—	19,55	18,40	17,25
Dicyandiamide see 1-Cyanoguanidine							
1,4-Dicyanobenzene see Terephthalodinitrile							
1,6-Dicyanohexane see Suberodinitrile							
15424 A 3/4 C 8 2565 3 +99 °C	Dicyclohexylamine <i>Dicyclohexylamine / Dicciclohexilamina</i> $(\text{C}_6\text{H}_{11})_2\text{NH}$ $\text{C}_{12}\text{H}_{23}\text{N}$ $M = 181,32 \text{ g/mol}$ $1 \text{ L} \approx 0,91 \text{ kg}$ assay (GC) 99% density (D_4^{20}) 0,912–0,914 refractive index (n_D^{20}) 1,4840–1,4860  R: 20/21/22 S: 28 disposal: 19	FL. EKL. F. 2922	1 L 25 kg 180 kg	30,75 price on request price on request	26,15	24,60	23,70
3404	N,N-Dicyclohexylammonium nitrite PROSYNTH® <i>N,N-Dicyclohexylammonium nitrite / N,N-Dicciclohexilamonio nitrito</i> $\text{CH}_2(\text{CH}_2)_4\text{CHNHCH}(\text{CH}_2)_4\text{CH}_2 \cdot \text{HNO}_2$ $\text{C}_{12}\text{H}_{24}\text{N}_2\text{O}_2$ $M = 228,33 \text{ g/mol}$ assay 97% melting range 190–193 °C (disint.)  R: 20/22 S: 15-41 disposal: 16	WG. 2922	50 g	21,50	18,30	17,20	16,15

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package DM

1x
(1 Box)






6x
(4 Boxes)

24x
(4 Boxes)

96
(16 Boxes)

60310	Dicyclohexylcarbodiimide PROSYNTH®	FL.	100 g	17,50	14,90	14,—	13
A 8/35	<i>Dicyclohexylcarbodiimide / Dicciclohexilcarbodiimida</i>	FL.	500 g	72,—	61,20	57,60	55
C 8 1719 2	$\text{CH}_2(\text{CH}_2)_4\text{CHN}=\text{C}=\text{NCH}(\text{CH}_2)_4\text{CH}_2$ $\text{C}_{13}\text{H}_{22}\text{N}_2$ $M = 206,33$ g/mol assay 99% melting range 32—35 °C  R: 36/37/38 S: 26 disposal: 7	2926					
62496	N,N'-Dicyclohexylthiourea PROSYNTH®	WG.	100 g	32,25	27,40	25,80	24
	<i>N,N'-Dicyclohexylthiourée / N,N'-Dicciclohexiltiourea</i>	2931					
	$\text{CH}_2(\text{CH}_2)_4\text{CHNHCSNHCH}(\text{CH}_2)_4\text{CH}_2$ $\text{C}_{13}\text{H}_{24}\text{N}_2\text{S}$ $M = 240,41$ g/mol assay (ex S) 97% melting range 180—182 °C						
62497	Dicyclopentadiene PROSYNTH®	FL.	1 L	18,50	15,75	14,80	14
A 3/3	<i>Dicyclopentadiène / Dicciclopentadieno</i>	2901					
C 3.3 1993 2	$\text{C}_{10}\text{H}_{12}$ $M = 132,20$ g/mol $1 \text{ L} \approx 0,98$ kg assay (GC) 95% boiling range 167—170 °C refractive index (n_D^{20}) 1,512 R: 10 disposal: 6						
64031	Didecylamine PROSYNTH®	WG.	10 g	25,75	21,90	20,60	19
	<i>Didécylamine / Didecilamina</i>	2922					
	$[\text{CH}_3(\text{CH}_2)_9]_2\text{NH}$ $\text{C}_{20}\text{H}_{43}\text{N}$ $M = 297,57$ g/mol assay (ex N) 94% melting range 41—43 °C						
64032	Didecyl ether PROSYNTH®	FL.	25 ml	25,75	21,90	20,60	19,3
	<i>Ether didécylque / Eter didecílico</i>	2908					
	$[\text{CH}_3(\text{CH}_2)_9]_2\text{O}$ $\text{C}_{20}\text{H}_{42}\text{O}$ $M = 298,55$ g/mol $1 \text{ L} \approx 0,82$ kg assay (GC) 97% boiling range (at 20 mbar) 193—196 °C refractive index (n_D^{20}) 1,442						
63406	Didecyl ketone PROSYNTH®	WG.	10 g	26,75	22,75	21,40	20,0
	<i>Didécylcétone / Didecilcetona</i>	2913					
	$\text{CH}_3(\text{CH}_2)_9\text{CO}(\text{CH}_2)_9\text{CH}_3$ $\text{C}_{21}\text{H}_{42}\text{O}$ $M = 310,56$ g/mol assay (GC) 98% melting range 63—64 °C						
	Dideuteroformaldehyde see Formaldehyde-D ₂						
	Dideuterohexafluoro-2-propanol see Hexafluoro-2-propanol-D ₂						
	Dideuterotetrachloroethane see Tetrachloroethane-D ₂						
64035	Didodecyl ether PROSYNTH®	WG.	25 g	25,75	21,90	20,60	19,3
	<i>Ether didodécylque / Eter didodecílico</i>	2908					
	$[\text{CH}_3(\text{CH}_2)_{11}]_2\text{O}$ $\text{C}_{24}\text{H}_{50}\text{O}$ $M = 354,66$ g/mol assay (GC) 97% melting range 32—35 °C						
35719	Dieldrin min. 99% PESTANAL® (1,2,3,4,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo-5,8-exo-dimethanonaphthalene)	FL.	1 g	21,50	18,30	17,20	16,15
A 6.1/81B		2909					
C 6.1 1615 3	$\text{C}_{12}\text{H}_8\text{Cl}_6\text{O}$ $M = 380,91$ g/mol  R: 23/24/25 S: 2-13-44 disposal: 7						

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		package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)




900	Dienochlor min. 99% PESTANAL® [Bis-(pentachlorocyclopentadienyl)] $\text{CCl} = \text{CCICCl} = \text{CCICClCCICCl} = \text{CCICCl} = \text{CCl}$ $\text{C}_{10}\text{Cl}_{10}$ $M = 474,64 \text{ g/mol}$	FL. 2902	1 g	39,25	33,35	31,40	29,45
4523 3/5 3.2 1993 2 0°C	1,2:3,4-Diepoxybutane PROSYNTH® <i>Diépoxy-1-2:3-4-butane / 1,2:3,4-Diepoxibutano</i> $\text{OCH}_2\text{CHCHCH}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_2$ $M = 86,09 \text{ g/mol}$ $1 \text{ L} \approx 1,12 \text{ kg}$ assay (GC) 95% boiling range (at 33 mbar) 56–58 °C refractive index (n_D^{20}) 1,434   R: 11-23/24/25 S: 16-27-44 disposal: 6	FL. 2909	10 ml	54,—	45,90	43,20	40,50
5421 8/35 8 1719 2	Diethanolamine pure <i>Diéthanolamine / Dietanolamina</i> $(\text{HOCH}_2\text{CH}_2)_2\text{NH}$ $\text{C}_4\text{H}_{11}\text{NO}_2$ $M = 105,14 \text{ g/mol}$ $1 \text{ L} \approx 1,10 \text{ kg}$ assay 99% congealing point 27 °C  R: 36/37/38 S: 28 disposal: 19	FL. EKL. F. 2923	1 L 35 kg 215 kg	16,— kg kg	13,60 5,35 3,80	12,80	12,30
5408 8/35 8 1719 2	Diethanolamine technical <i>Diéthanolamine / Dietanolamina</i> $(\text{HOCH}_2\text{CH}_2)_2\text{NH}$ $\text{C}_4\text{H}_{11}\text{NO}_2$ $M = 105,14 \text{ g/mol}$ $1 \text{ L} \approx 1,11 \text{ kg}$ assay (GC) 65% triethanolamine (GC) 34% mono-ethanolamine (GC) 1% congealing point 15 °C  R: 36/37/38 S: 28 disposal: 19	FL. 2923	1 L	15,75	13,40	12,60	12,15
64465 A 3/1A C 3.2 1993 2 11°C	1,2-Diethoxyethane PROSYNTH® <i>1-2-Diéthoxyéthane / 1,2-Dietoxietano</i> $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{OCH}_2\text{CH}_3$ $\text{C}_6\text{H}_{14}\text{O}_2$ $M = 118,18 \text{ g/mol}$ $1 \text{ L} \approx 0,85 \text{ kg}$ assay (GC) 98% boiling range 120–122 °C refractive index (n_D^{20}) 1,399  R: 11 S: 9-16-33 disposal: 6	FL. 2908	100 ml	163,—	138,55	130,40	122,25
62421 A 3/3 C 3.3 1224 2 -54°C	2,5-Diethoxytetrahydrofuran PROSYNTH® <i>2-5-Diéthoxytétrahydrofuranne / 2,5-Dietoxitetrahidrofurano</i> $\text{OCH}(\text{OC}_2\text{H}_5)\text{CH}_2\text{CH}_2\text{CHO}\text{C}_2\text{H}_5$ $\text{C}_8\text{H}_{16}\text{O}_3$ $M = 160,21 \text{ g/mol}$ $1 \text{ L} \approx 0,97 \text{ kg}$ assay (GC) 85% R: 10 disposal: 6	FL. 2935	100 ml	191,—	162,35	152,80	143,25
64466 A 3/4 +76°C	N,N-Diethylacetamide PROSYNTH® <i>N-N-Diéthylacétamide / N,N-Dietilacetamida</i> $\text{CH}_3\text{CON}(\text{C}_2\text{H}_5)_2$ $\text{C}_8\text{H}_{13}\text{NO}$ $M = 115,17 \text{ g/mol}$ $1 \text{ L} \approx 0,91 \text{ kg}$ assay (GC) 97% boiling range 183–186 °C refractive index (n_D^{20}) 1,438	FL. 2925	100 ml	35,50	30,20	28,40	26,65



Code-Number
A) RID/ADR
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (18 Boxes)


60341	Diethyl acetamidomalonate PROSYNTH® <i>Diéthyle acétamidomalonate / Dietilo acetamidomalonato</i> <chem>CH3CONHCH(COOC2H5)2</chem> <chem>C9H15NO5</chem> $M = 217,22$ g/mol assay (GC) 99% melting range 94–96 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. PF. 2915	125 g 100 g	7,75 24,—	6,60 20,40	19,20	18
64414 A 3/4 +71 °C	Diethyl acetone dicarboxylate PROSYNTH® <i>Diéthyle acétonedicarboxylate / Dietilo acetondicarboxilato</i> <chem>CH3CH2OCOCH2COCH2COOCH2CH3</chem> <chem>C9H14O5</chem> $M = 202,21$ g/mol assay (alkalimetric) 98% boiling range (at 16 mbar) 135–137 °C	FL. 2916	100 ml	54,50	46,35	43,60	40
60342	Diethyl acetoxymalonate PROSYNTH® <i>Diéthyle acétoxymalonate / Dietilo acetoximalonato</i> <chem>CH3COOCH(COOC2H5)2</chem> <chem>C9H14O6</chem> $M = 218,21$ g/mol 1 L ≈ 1,13 kg assay (GC) 96%	FL. 2915	25 ml	71,—	60,35	56,80	53
64231	Diethyl acetylendicarboxylate PROSYNTH® <i>Diéthyle acétylènedicarboxylate / Dietilo acetilendicarboxilato</i> <chem>C2H5OCOC≡CCOOC2H5</chem> <chem>C8H10O4</chem> $M = 170,16$ g/mol 1 L ≈ 1,07 kg assay (GC) 99% boiling range (at 15 mbar) 107–110 °C refractive index (n_D^{20}) 1,443	FL. 2915	10 ml	31,25	26,55	25,—	23
15407 A 3/5 C 3.1 1154 2 -36 °C	Diethylamine <i>Diéthylamine / Dietilamina</i> <chem>(C2H5)2NH</chem> <chem>C4H11N</chem> $M = 73,14$ g/mol 1 L ≈ 0,70 kg assay (GC) 99% boiling range 54,5–56,5 °C density (D_4^{20}) 0,705–0,710	FL. FL. EKL. F. 2922	500 ml 1 L 20 kg 140 kg	10,25 13,75 price on request price on request	8,70 11,70	8,20 11,—	7,9 10,0
64033 A 6.1/21 C 6.1 2811 2 +40 °C	Diethylaminoacetonitrile PROSYNTH® <i>Diéthylaminoacétonitrile / Dietilaminoacetonitrilo</i> <chem>(C2H5)2NCH2CN</chem> <chem>C6H12N2</chem> $M = 112,17$ g/mol assay (GC) 95% boiling range 168–170 °C refractive index (n_D^{20}) 1,426	FL. 2927	10 g	22,25	18,90	17,80	16,7
<div>   <div> R: 11-36/37 S: 16-26-29 disposal: 19 </div> </div>							
<div>  <div> R: 23/24/25 S: 44 disposal: 15 </div> </div>							
4'-Diethylaminoazobenzene-2-carboxylic acid see Ethyl red							
4'-Diethylaminoazobenzene-2-sulphonic acid see Ethyl orange							
63407	4-Diethylaminobenzaldehyde PROSYNTH® <i>4-Diéthylaminobenzaldéhyde / 4-Dietilaminobenzaldehydo</i> <chem>(C2H5)2NC6H4CHO</chem> <chem>C11H15NO</chem> $M = 177,25$ g/mol assay (ex N) 96% melting range 39–41 °C	WG. 2923	25 g	40,75	34,65	32,60	30,5


de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
034	4-Diethylaminobenzonitrile PROSYNTH® 4-Diéthylaminobenzonitrile / 4-Dietilaminobenzonitrilo (C ₂ H ₅) ₂ NC ₆ H ₄ CN C ₁₁ H ₁₄ N ₂ M = 174,25 g/mol assay (HPLC) 97% melting range 65–67 °C  R: 20/21/22 S: 28 disposal: 15	WG. 2927	5 g	37,50	31,90	30,—	28,15
3158	5-(4-Diethylaminobenzylidene)-rhodanine R. G. 5-(4-Diéthylaminobenzylidène)-rhodanine / 5-(4-Dietilaminobenciliden)-rodanina (C ₂ H ₅) ₂ NC ₆ H ₄ CH = CCONHCSS C ₁₄ H ₁₆ N ₂ OS ₂ M = 292,42 g/mol	FL. 3205	1 g	11,25	9,55	9,—	8,45
0117	2-Diethylaminoethanol see N,N-Diethylethanolamine						
8/35	2-Diethylaminoethylamine PROSYNTH® (N-N-diethylethylenediamine) 2-Diéthylaminoéthylamine / 2-Dietilaminoetilamina (C ₂ H ₅) ₂ NCH ₂ CH ₂ NH ₂ C ₆ H ₁₆ N ₂ M = 116,21 g/mol 1 L ≈ 0,82 kg assay (GC) 99% boiling range 143–145 °C refractive index (n _D ²⁰) 1,436  R: 10-36/37/38 S: 28 disposal: 19	FL. 2922	250 ml	44,75	38,05	35,80	33,55
4409	Diethylaminomalonate hydrochloride PROSYNTH® Diéthylaminomalonate chlorhydrate / Dietilaminomalonato cloridrato H ₂ NCH(COOC ₂ H ₅) ₂ · HCl C ₇ H ₁₄ ClNO ₄ M = 211,64 g/mol assay (ex Cl) 99% melting range 165–170 °C (disint.)	WG. 2923	10 g	35,—	29,75	28,—	26,25
60118	3-Diethylaminophenol PROSYNTH® 3-Diéthylaminophénol / 3-Dietilaminofenol C ₆ H ₄ (OH)N(C ₂ H ₅) ₂ C ₁₀ H ₁₅ NO M = 165,23 g/mol assay 99% melting range 70–72 °C	WG. 2923	500 g	65,50	55,70	52,40	50,45
64470	Diethylammonium chloride PROSYNTH® Diéthylammonium chlorhydrate / Dietilamonio cloruro (C ₂ H ₅) ₂ NH · HCl C ₄ H ₁₂ ClN M = 109,60 g/mol assay (ex Cl) 98% melting range 223–226 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. PF. 2924	1 kg 2,5 kg	49,25 108,—	41,85 89,65	39,40 84,25	37,90 81,—
33190	Diethylammonium diethyldithiocarbamate R. G. Diéthylammonium diéthyldithiocarbamate / Dietilamonio dietilditiocarbamato (C ₂ H ₅) ₂ NCSSNH ₂ (C ₂ H ₅) ₂ C ₉ H ₂₂ N ₂ S ₂ M = 222,42 g/mol	WG. 2931	100 g	36,25	30,80	29,—	27,20

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33122	N,N-Diethylaniline R. G.	FL.	250 ml	21,75	18,50	17,40	1
A 6.1/21P	<i>N,N-Diéthylaniline / N,N-Dietilanilina</i>	FL.	1 L	63,50	54,—	50,80	4
C 6.1 2432 3	<chem>C6H5N(C2H5)2</chem> <chem>C10H15N</chem> $M = 149,24$ g/mol $1\text{ L} \approx 0,93$ kg assay min. 99% boiling range $216-218^{\circ}\text{C}$ density (D_4^{20}) $0,933-0,936$ refractive index (n_D^{20}) $1,5410-1,5420$ non-volatile matter max. 0,01% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,0005% sulphate (SO ₄) max. 0,0005% suitability for determination of zinc passes test	2922					
	 R: 23/24/25-33 S: 28-37-44 disposal: 19						
64286	Diethyl azodicarboxylate PROSYNTH®	FL.	25 ml	62,—	52,70	49,60	46
	<i>Diéthyle azodicarboxylate / Dietilo azodicarboxilato</i> <chem>CH3CH2OCON=NCOOCH2CH3</chem> <chem>C6H10N2O4</chem> $M = 174,16$ g/mol $1\text{ L} \approx 1,11$ kg assay (GC) 98% boiling range (at 17 mbar) $103-105^{\circ}\text{C}$ refractive index (n_D^{20}) $1,421$	2928					
33161	5,5-Diethylbarbituric acid R. G., Reag. Ph. Eur. I, buffer substance	PF.	100 g	17,50	14,90	14,—	13
	<i>Acide 5-5-diéthylbarbiturique / Acido 5,5-dietilbarbitúrico</i> <chem>(C2H5)2C(=O)NC(=O)NC(=O)</chem> <chem>C8H12N2O3</chem> $M = 184,19$ g/mol assay min. 99% melting range $189-192^{\circ}\text{C}$ loss on drying (105°C) max. 0,2% sulphated ash max. 0,01% neutral or basic substances max. 0,1% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,003%	2925					
64471	1,2-Diethylbenzene PROSYNTH®	FL.	10 ml	81,—	68,85	64,80	60
A 3/4	<i>Diéthyl-1-2-benzène / 1,2-Dietilbenceno</i>	2901					
C 3.3 2049 2	<chem>(CH3CH2)2C6H4</chem> <chem>C10H14</chem> $M = 134,22$ g/mol $1\text{ L} \approx 0,88$ kg assay (GC) 95% boiling range $181-183^{\circ}\text{C}$ refractive index (n_D^{20}) $1,503$						
+56°C							
63408	1,3-Diethylbenzene PROSYNTH®	FL.	50 ml	144,—	122,40	115,20	108
A 3/4	<i>Diéthyl-1-3-benzène / 1,3-Dietilbenceno</i>	2901					
C 3.3 2049 2	<chem>C6H4(C2H5)2</chem> <chem>C10H14</chem> $M = 134,22$ g/mol $1\text{ L} \approx 0,86$ kg assay (GC) 99% boiling range $179-181^{\circ}\text{C}$ refractive index (n_D^{20}) $1,495$						
+56°C							
	R: 10 disposal: 6						
64546	Diethyl benzylidenemalonate PROSYNTH®	WG.	100 g	46,—	39,10	36,80	34
	<i>Diéthyle benzylidènemalonate / Dietilo benzilidenmalonato</i> <chem>C6H5CH=C(COOC2H5)2</chem> <chem>C14H16O4</chem> $M = 248,28$ g/mol assay (GC) 99% melting range $28-30^{\circ}\text{C}$	2915					
62134	Diethyl benzylmalonate PROSYNTH®	FL.	100 ml	78,—	66,30	62,40	58
	<i>Diéthyle benzylmalonate / Dietilo bencilmalonato</i> <chem>C6H5CH2CH(COOC2H5)2</chem> <chem>C14H18O4</chem> $M = 250,29$ g/mol $1\text{ L} \approx 1,08$ kg assay (GC) 97% boiling range (at 13 mbar) $161-163^{\circ}\text{C}$ refractive index (n_D^{20}) $1,487$	2915					

344	Diethyl bromomalonate PROSYNTH® <i>Diéthyle bromomalonate / Dietilo bromomalonato</i> <chem>CHBr(COOC2H5)2</chem> <chem>C7H11BrO4</chem> $M = 239,07$ g/mol $1\text{ L} \approx 1,41$ kg assay (GC) 90% boiling range (at 13 mbar) 114–117 °C refractive index (n_D^{20}) 1,451	FL. 2915	100 ml	45,—	38,25	36,—	33,75
7192	Diethyl iso-butylmalonate PROSYNTH® <i>Diéthyle iso-butylmalonate / Dietilo iso-butilmalonato</i> <chem>(CH3)2CHCH2CH(COOC2H5)2</chem> <chem>C11H20O4</chem> $M = 216,28$ g/mol $1\text{ L} \approx 0,97$ kg assay (GC) 99% boiling range (at 16 mbar) 112–114 °C refractive index (n_D^{20}) 1,424	FL. 2915	500 ml	126,50	107,55	101,20	97,40
7603	Diethyl n-butylmalonate <i>Diéthyle n-butylmalonate / Dietilo n-butilmalonato</i> <chem>CH3(CH2)3CH(COOC2H5)2</chem> <chem>C11H20O4</chem> $M = 216,28$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 98%	FL. EKL. F. 2915	1 L 30 kg 190 kg	50,50 price on request price on request	42,95	40,40	38,90
7628	Diethyl sec.-butylmalonate <i>Diéthyle sec.-butylmalonate / Dietilo sec.-butilmalonato</i> <chem>CH3CH2CH(CH3)CH(COOC2H5)2</chem> <chem>C11H20O4</chem> $M = 216,28$ g/mol $1\text{ L} \approx 0,99$ kg	FL. 2915	1 L	73,50	62,50	58,80	56,60
7824	N,N-Diethylcarbamoyl chloride PROSYNTH® <i>N-N-Diéthylcarbamoyle chlorure / N,N-Dietilcarbamoilo cloruro</i> <chem>(C2H5)2NCOCI</chem> <chem>C5H10ClNO</chem> $M = 135,59$ g/mol $1\text{ L} \approx 1,07$ kg assay (GC) 98% boiling range 187–190 °C refractive index 1,452	FL. 2925	100 ml	27,25	23,15	21,80	20,45
<div>  <div> R: 36/37/38 S: 26 disposal: 7 </div> </div>							
Diethylcarbinol see Pentanol-3							
Diethylcarbitol see Diethylene glycol diethyl ether							
80119	Diethyl carbonate PROSYNTH® <i>Diéthyle carbonate / Dietilo carbonato</i> <chem>(C2H5O)2CO</chem> <chem>C5H10O3</chem> $M = 118,13$ g/mol $1\text{ L} \approx 0,97$ kg assay (GC) 99% boiling range 124–126 °C refractive index (n_D^{20}) 1,385	FL. 2921	1 L	32,75	27,85	26,20	25,20
R: 10 disposal: 6							
80345	Diethyl chloromalonate PROSYNTH® <i>Diéthyle chloromalonate / Dietilo cloromalonato</i> <chem>CHCl(COOC2H5)2</chem> <chem>C7H11ClO4</chem> $M = 194,61$ g/mol $1\text{ L} \approx 1,17$ kg assay (GC) 85–90%	FL. 2915	100 ml	50,50	42,95	40,40	37,90
84968	Diethyl cyclopropane-1,1-dicarboxylate PROSYNTH® <i>Diéthyle cyclopropane-1-1-dicarboxylate / Dietilo ciclopropano-1,1-dicarboxilato</i> <chem>CH2CH2C(COOC2H5)2</chem> <chem>C9H14O4</chem> $M = 186,21$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 97% boiling range (at 15 mbar) 92–94 °C refractive index (n_D^{20}) 1,433	FL. 2915	10 ml	40,25	34,20	32,20	30,20

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60346	Diethyl diallylmalonate PROSYNTH® <i>Diéthyle diallylmalonate / Dietilo dialilmalonato</i> (C ₃ H ₅) ₂ C(COOC ₂ H ₅) ₂ C ₁₃ H ₂₀ O ₄ M = 240,30 g/mol 1 L ≈ 0,99 kg assay (GC) 97% boiling range (at 16 mbar) 127–129 °C refractive index (n _D ²⁰) 1,446	FL. 2915	250 ml	43,75	37,20	35,—	3
60495 A 8/35 C 3.3 1993 2 + 52 °C	N,N-Diethyl-1,3-diaminopropane PROSYNTH® <i>N-N-Diéthyle-1-3-diaminopropane / N,N-Dietilo-1,3-diaminopropano</i> (C ₂ H ₅) ₂ N(CH ₂) ₃ NH ₂ C ₇ H ₁₈ N ₂ M = 130,23 g/mol 1 L ≈ 0,83 kg assay (GC) 99% boiling range 169–172 °C refractive index (n _D ²⁰) 1,437	FL. 2922	50 ml	66,50	56,55	53,20	4
20616	Diethyl di-n-butylmalonate <i>Diéthyle di-n-butylmalonate / Dietilo di-n-butilmalonato</i> (CH ₃ CH ₂ CH ₂ CH ₂) ₂ C(COOC ₂ H ₅) ₂ C ₁₅ H ₂₈ O ₄ M = 272,38 g/mol 1 L ≈ 0,96 kg	FL. F. 2915	1 L 200 kg	76,50 price on request	65,05	61,20	58
20604	Diethyl diethylmalonate <i>Diéthyle diéthylmalonate / Dietilo dietilmalonato</i> (C ₂ H ₅) ₂ C(COOC ₂ H ₅) ₂ C ₁₁ H ₂₀ O ₄ M = 216,28 g/mol 1 L ≈ 0,99 kg assay (GC) 95%	FL. F. 2915	1 L 200 kg	87,50 price on request	74,40	70,—	6
65184	Diethyl 2,5-dihydroxyterephthalate PROSYNTH® <i>Diéthyle 2-5-dihydroxytéréphtalate / Dietilo 2,5-dihydroxitereftalato</i> (HO) ₂ C ₆ H ₂ (COOCH ₂ CH ₃) ₂ C ₁₂ H ₁₄ O ₆ M = 254,24 g/mol assay (HPLC) 98% melting range 133–135 °C	PF. 2915	100 g	46,—	39,10	36,80	34
64977	Diethyl dimethylmalonate PROSYNTH® <i>Diéthyle diméthylmalonate / Dietilo dimetilmalonato</i> (CH ₃) ₂ C(COOC ₂ H ₅) ₂ C ₉ H ₁₆ O ₄ M = 188,22 g/mol 1 L ≈ 1,00 kg assay (GC) 97% boiling range 196–198 °C refractive index (n _D ²⁰) 1,412	FL. 2915	10 ml	38,25	32,50	30,60	28
	Diethylendioxide see Dioxan						
60120	Diethylene glycol PROSYNTH® <i>Diéthylèneglycol / Dietilenglicol</i> (HOCH ₂ CH ₂) ₂ O C ₄ H ₁₀ O ₃ M = 106,12 g/mol 1 L ≈ 1,12 kg assay (GC) 99% boiling range 243–246 °C refractive index (n _D ²⁰) 1,447	PF. PF. FPF. 2908	500 ml 2,5 L 30 kg	11,25 38,75 price on request	9,55	9,—	8 29
	 R: 22 S: 24 disposal: 6						
39603	Diethylene glycol adipate for gas chromatography <i>Diéthylèneglycol adipate / Dietilenglicol adipato</i> [–O(CH ₂ CH ₂ O) ₂ CO(CH ₂) ₄ CO–] _n (C ₁₀ H ₁₈ O ₅) _n M = (216,23) _n g/mol working temperature to 200 °C	FL. 2915	25 g	49,50	42,10	39,60	37
39604	Diethylene glycol adipate crosslinked for gas chromatography <i>Diéthylèneglycol adipate / Dietilenglicol adipato</i> working temperature to 200 °C	WG. 2915	25 g	49,50	42,10	39,60	37

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440	Diethylene glycol-<i>n</i>-butyl-<i>tert</i>.-butyl ether <i>Ether <i>n</i>-butyl-<i>tert</i>.-butylique du diéthylèneglycol / Eter <i>n</i>-butil-<i>terc</i>.-butílico del dietilenglicol</i> $C_4H_9OCH_2CH_2OCH_2CH_2OC(CH_3)_3$ $C_{12}H_{26}O_3$ $M = 218,34$ g/mol $1\text{ L} \approx 0,88$ kg assay 95%	FL. 2908	500 ml	41,50	35,30	33,20	31,95
1472 1°C	Diethylene glycol dibutyl ether PROSYNTH® <i>Ether dibutylique du diéthylèneglycol / Eter dibutílico del dietilenglicol</i> $(CH_3CH_2CH_2CH_2OCH_2CH_2)_2O$ $C_{12}H_{26}O_3$ $M = 218,34$ g/mol $1\text{ L} \approx 0,88$ kg assay (GC) 98% boiling range 125–130 °C refractive index (n_D^{20}) 1,423	FL. 2908	250 ml	32,75	27,85	26,20	24,55
2425 3/4 67°C	Diethylene glycol diethyl ether PROSYNTH® <i>Ether diéthylique du diéthylèneglycol / Eter dietílico del dietilenglicol</i> $(C_2H_5OCH_2CH_2)_2O$ $C_8H_{18}O_3$ $M = 162,23$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 99% boiling range 188–190 °C refractive index (n_D^{20}) 1,412	FL. 2908	1 L	46,—	39,10	36,80	35,40
2426 3/3 3.3 1993 2 53°C	Diethylene glycol dimethyl ether PROSYNTH® <i>Ether diméthylique du diéthylèneglycol / Eter dimetilico del dietilenglicol</i> $(CH_3OCH_2CH_2)_2O$ $C_6H_{14}O_3$ $M = 134,11$ g/mol $1\text{ L} \approx 0,94$ kg assay (GC) 99% boiling range 161–163 °C refractive index (n_D^{20}) 1,408 R: 10 disposal: 6	FL. 2908	1 L	77,50	65,90	62,—	59,70
60439 A 3/4 +92°C	Diethylene glycol ethyl-<i>tert</i>.-butyl ether PROSYNTH® <i>Ether éthyl-<i>tert</i>.-butylique du diéthylèneglycol / Eter etil-<i>terc</i>.-butílico del dietilenglicol</i> $C_2H_5OCH_2CH_2OCH_2CH_2OC(CH_3)_3$ $C_{10}H_{22}O_3$ $M = 190,28$ g/mol $1\text{ L} \approx 0,89$ kg assay 98% boiling range 195–205 °C refractive index (n_D^{20}) 1,416	FL. 2908	500 ml	44,25	37,60	35,40	34,05
60438 A 3/4	Diethylene glycol methyl-<i>tert</i>.-butyl ether PROSYNTH® <i>Ether méthyl-<i>tert</i>.-butylique du diéthylèneglycol / Eter metil-<i>terc</i>.-butílico del dietilenglicol</i> $CH_3OCH_2CH_2OCH_2CH_2OC(CH_3)_3$ $C_9H_{20}O_3$ $M = 176,26$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 98% boiling range 185–195 °C refractive index (n_D^{20}) 1,415	FL. 2908	500 ml	44,25	37,60	35,40	34,05
62428	Diethylene glycol monobutyl ether PROSYNTH® <i>Ether monobutylique du diéthylèneglycol / Eter monobutílico del dietilenglicol</i> $CH_3(CH_2)_3OCH_2CH_2OCH_2CH_2OH$ $C_8H_{18}O_3$ $M = 162,23$ g/mol $1\text{ L} \approx 0,95$ kg assay (GC) 99% boiling range 227–230 °C refractive index (n_D^{20}) 1,432	FL. 2908	1 L	18,75	15,95	15,—	14,45

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62427	Diethylene glycol monoethyl ether PROSYNTH® A 3/4 +90°C <i>Ether monoéthylique du diéthylèneglycol / Eter monoetilico del dietilenglicol</i> $C_2H_5OCH_2CH_2OCH_2CH_2OH$ $C_6H_{14}O_3$ $M = 134,17$ g/mol $1\text{ L} \approx 0,99$ kg assay (GC) 98% boiling range 194–196 °C refractive index (n_D^{20}) 1,427	FL. 2908	1 L	13,75	11,70	11,—	10,—
62429	Diethylene glycol monomethyl ether PROSYNTH® A 3/4 +90°C <i>Ether monométhylique du diéthylèneglycol / Eter monometilico del dietilenglicol</i> $CH_3OCH_2CH_2OCH_2CH_2OH$ $C_5H_{12}O_3$ $M = 120,15$ g/mol $1\text{ L} \approx 1,02$ kg assay (GC) 99% boiling range 192–194 °C refractive index (n_D^{20}) 1,426	FL. 2908	1 L	17,50	14,90	14,—	13,—
39614	Diethylene glycol succinate for gas chromatography <i>Diéthylèneglycol succinate / Dietilenglicol succinato</i> [$-O(CH_2CH_2O)_2COCH_2CH_2CO-$] $_n$ ($C_8H_{12}O_5$) $_n$ $M = (188,18)_n$ g/mol working temperature to 200 °C	FL. 2915	25 g	50,50	42,95	40,40	37,—
15918	Diethylenetriamine A 8/35 C 8 2079 2 <i>Diéthylènetriamine / Dietilentriamina</i> ($NH_2CH_2CH_2$) $_2NH$ $C_4H_{13}N_3$ $M = 103,17$ g/mol $1\text{ L} \approx 0,96$ kg boiling range 200–212 °C  R: 34 S: 26 disposal: 19	FL. STP. F. 2922	1 L 50 kg 200 kg	26,25 price on request price on request	22,30	21,—	20,—
64037	Diethylenetriaminepentaacetic acid PROSYNTH® <i>Acide diéthylènetriamino-pentaacétique / Acido dietilenotriamino-pentaacético</i> [($HOOCCH_2$) $_2NCH_2CH_2$] $_2NCH_2COOH$ $C_{14}H_{23}N_3O_{10}$ $M = 393,35$ g/mol assay 99% melting range 219–221 °C (disint.)	WG. 2923	100 g	17,25	14,65	13,80	12,—
Diethylenetriaminepentaacetic acid see also IDRANAL® V							
64038	Diethylenetriaminepentaacetic acid pentasodium salt PROSYNTH® 33% solution in water <i>Acide diéthylènetriamino-pentaacétique sel pentasodique / Acido dietilenotriamino-pentaacético sal pentasódica</i> [($NaOOCCH_2$) $_2NCH_2CH_2$] $_2NCH_2COONa$ $C_{14}H_{18}N_3Na_5O_{10}$ $M = 503,26$ g/mol	FL. 2923	500 ml	25,75	21,90	20,60	19,80
15417	N,N-Diethylethanolamine A 8/35 C 3.3 2686 3 +50°C <i>N,N-Diéthyléthanolamine / N,N-Dietiletanolamina</i> (C_2H_5) $_2NCH_2CH_2OH$ $C_6H_{15}NO$ $M = 117,19$ g/mol $1\text{ L} \approx 0,88$ kg assay 99,5% boiling range 161–162 °C density (D_4^{20}) 0,882–0,884 refractive index (n_D^{20}) 1,4405–1,4415  R: 36/37/38 S: 28 disposal: 19	FL. FL. EKL. F. 2923	1 L 2,5 L 25 kg 180 kg	22,25 47,25 price on request price on request	18,90	17,80	17,— 35,—

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34924	Diethyl ether SPECTRANAL®	FL.	500 ml	24,—	20,40	19,20	18,—
A 3/1A	stabilized with 2,6-Di- <i>tert.</i> -butyl-4-methylphenol (5 mg/l)	FL.	1 L	40,50	34,45	32,40	31,—
C 3.1 1155 1	<i>Ether diéthylique / Eter dietílico</i>	2908					
-40°C	(C ₂ H ₅) ₂ O C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,1% peroxides (as H ₂ O ₂) max. 0,00003% suitability for UV-spectroscopy transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/210, min. 45%/230, min. 75%/250, min. 90%/290, min. 98%/from 310 suitability for IR spectroscopy passes test						
	 R: 12-19 S: 9-16-29-33 disposal: 5						
34868	Diethyl ether CHROMASOLV® for chromatography (UV-	FL.	1 L	38,75	32,95	31,—	29,—
A 3/1A	detection)	2908					
C 3.1 1155 1	stabilized with 2,6-Di- <i>tert.</i> -butyl-4-methylphenol (5 mg/l)						
-40°C	<i>Ether diéthylique / Eter dietílico</i> (C ₂ H ₅) ₂ O C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,1% peroxides (as H ₂ O ₂) max. 0,00003% transmittance (1 cm cell; reference water) transmittance/wavelength (nm) min. 20%/220, min. 50%/235, min. 80%/260, min. 98%/from 320						
	 R: 12-19 S: 9-16-29-33 disposal: 5						
34483	Diethyl ether PESTANAL®, not stabilized	FL.	1 L	49,75	42,30	39,80	38,30
A 3/1A	<i>Ether diéthylique / Eter dietílico</i>	FL.	2 L	95,—	80,75	76,—	73,10
C 3.1 1155 1	(C ₂ H ₅) ₂ O	2908					
-40°C	C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg suitability for residue analysis: Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro- mosorb® 100/200) show in the retention volum zones between Pentachlorobenzene, α-HCH, Aldrin and DDT a peak of < 5 · 10 ⁻¹⁰ % ≈ 5 ng/l.						
	 R: 12-19 S: 9-16-29-33 disposal: 5						
34495	Diethyl ether PESTANAL® stabilized with 2,6-Di-<i>tert.</i>-butyl-4-	FL.	1 L	36,75	31,25	29,40	28,30
A 3/1A	methylphenol (5 mg/l)	FL.	2 L	65,50	55,70	52,40	50,40
C 3.1 1155 1	<i>Ether diéthylique / Eter dietílico</i>	2908					
-40°C	(C ₂ H ₅) ₂ O C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg suitability for residue analysis: Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro- mosorb® 100/200) show in the retention volum zones between Pentachlorobenzene, α-HCH, Aldrin and DDT a peak of < 5 · 10 ⁻¹⁰ % ≈ 5 ng/l.						
	 R: 12-19 S: 9-16-29-33 disposal: 5						

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005	Diethyl ether chem. pure (max. 0,2% H ₂ O), stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (5 mg/l) <i>Ether diéthylique / Eter dietilico</i> (C ₂ H ₅) ₂ O C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg assay (GC) 99,5% boiling range 34–35 °C density (D ₄ ²⁰) 0,713–0,714 non-volatile matter 0,001% water (according to Karl Fischer) 0,1% free acid (as CH ₃ COOH) 0,0005% acetone 0,005% aldehydes (as HCHO) 0,0001% peroxides (as H ₂ O ₂) 0,00005%	FL. FL. ALU. KA. KA. KA. 2908	1 L 2,5 L 5 L 25 kg 5x 10x	24,75 52,50 105,— kg kg kg	21,05 43,60 87,15 11,50 11,— 10,50	19,80 40,95 81,90	19,05 39,40 78,75
4004	Diethyl ether DAB 7, B.P. 1973, U.S.P. XIX , stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (5 mg/l) <i>Ether diéthylique / Eter dietilico</i> (C ₂ H ₅) ₂ O C ₄ H ₁₀ O M = 74,12 g/mol 1 L ≈ 0,71 kg assay (GC) 99% boiling range 34–35 °C density (D ₄ ²⁰) 0,713–0,714 non-volatile matter 0,001% water (according to Karl Fischer) 0,1% peroxides (as H ₂ O ₂) 0,0002%	FL. FL. ALU. KA. KA. KA. EF. F. 2908	1 L 2,5 L 5 L 25 kg 5x 10x 140 kg 140 kg	22,25 47,— 94,— kg kg kg price on request kg	18,90 39,— 78,— 11,— 10,50 10,— 8,70	17,35 36,65 73,30	16,45 35,25 70,50
9043	Diethyl ether-d ₁₀ deuteration degree not less than 99 atom % D <i>Ether diéthylique-d₁₀ / Eter dietilico-d₁₀</i> (C ₂ D ₅) ₂ O C ₄ D ₁₀ O M = 84,04 g/mol 1 L ≈ 0,82 kg	A. 2851	5 ml	535,—	454,75	428,—	401,25
0343	Diethyl ethoxymethylenemalonate PROSYNTH® <i>Diéthyle éthoxyméthylènemalonate / Dietilo etoximetilenmalonato</i> C ₂ H ₅ OCH = C(COOC ₂ H ₅) ₂ C ₁₀ H ₁₆ O ₅ M = 216,23 g/mol 1 L ≈ 1,08 kg assay (GC) 98% refractive index (n _D ²⁰) 1,460	FL. 2915	500 ml	121,—	102,85	96,80	93,15
51426	N,N-Diethylethylenediamine see 2-Diethylaminoethylamine Diethyl fluoromalonate PROSYNTH® <i>Diéthyle fluoromalonate / Dietilo fluoromalonato</i> FCH(COOC ₂ H ₅) ₂ C ₇ H ₁₁ FO ₄ M = 178,16 g/mol 1 L ≈ 1,15 kg assay (GC) 97% boiling range (at 40 mbar) 120–122 °C refractive index (n _D ²⁰) 1,408	FL. 2915	1 ml	109,—	92,65	87,20	81,75
52430	N,N-Diethylformamide PROSYNTH® <i>N,N-Diéthylformamide / N,N-Dietilformamida</i> HCON(C ₂ H ₅) ₂ C ₅ H ₁₁ NO M = 101,15 g/mol 1 L ≈ 0,91 kg assay (GC) 99% boiling range 176–178 °C refractive index (n _D ²⁰) 1,426	FL. 2925	100 ml	34,—	28,90	27,20	25,50

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65009	Diethyl formaminomalonate PROSYNTH® <i>Diéthyle formaminomalonate / Dietilo formaminomalonato</i> <chem>HCONHCH(COOC2H5)2</chem> <chem>C8H13NO5</chem> $M = 203,19$ g/mol assay (GC) 97% melting range 48–50 °C	WG. 2923	5 g	28,25	24,—	22,60	21,—
60169	Diethyl fumarate PROSYNTH® <i>Diéthyle fumarate / Dietilo fumarato</i> <chem>C2H5OCOCH=CHCOOC2H5</chem> <chem>C8H12O4</chem> $M = 172,18$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 99% boiling range (at 19 mbar) 98–100 °C refractive index (n_D^{20}) 1,440	FL. 2915	500 ml	39,25	33,35	31,40	30,—
62623	Diethyl glutarate PROSYNTH® <i>Diéthyle glutarate / Dietilo glutarato</i> <chem>C2H5OCO(CH2)3COOC2H5</chem> <chem>C9H16O4</chem> $M = 188,22$ g/mol $1\text{ L} \approx 1,02$ kg assay (GC) 99% boiling range 235–237 °C refractive index (n_D^{20}) 1,424	FL. 2915	100 ml	38,25	32,50	30,60	28,—
60327	1,1-Diethylguanidine hydrochloride PROSYNTH® <i>1-1-Diéthylguanidine chlorhydrate / 1,1-Dietilguanidina clorhidrato</i> <chem>(C2H5)2NC(NH2)NH·HCl</chem> <chem>C5H14ClN3</chem> $M = 151,64$ g/mol assay (ex Cl) 99% melting range 146–148 °C	WG. 2926	100 g	47,50	40,40	38,—	35,—
Diethyl heptanedioate see Diethyl pimelate							
30815 A 3/1A C 3.2 1156 2 +13 °C	Diethyl ketone min. 99,9% for gas chromatography <i>Diéthylcétone / Dietilcetona</i> <chem>C2H5COC2H5</chem> <chem>C5H10O</chem> $M = 86,13$ g/mol $1\text{ L} \approx 0,82$ kg  R: 11 S: 9-16-33 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,—
62431 A 3/1A C 3.2 1224 +13 °C	Diethyl ketone PROSYNTH® <i>Diéthylcétone / Dietilcetona</i> <chem>CH3CH2COCH2CH3</chem> <chem>C5H10O</chem> $M = 86,13$ g/mol $1\text{ L} \approx 0,82$ kg assay (GC) 99% boiling range 100–102 °C refractive index (n_D^{20}) 1,392  R: 11 S: 9-16-33 disposal: 6	FL. 2913	1 L	46,—	39,10	36,80	35,—
62731 A 3/4 +93 °C	Diethyl maleate PROSYNTH® <i>Diéthyle maléate / Dietilo maleato</i> <chem>C2H5OCOCH=CHCOOC2H5</chem> <chem>C8H12O4</chem> $M = 172,18$ g/mol $1\text{ L} \approx 1,07$ kg assay (GC) 93% boiling range 221–223 °C refractive index (n_D^{20}) 1,441	FL. 2915	1 L	57,50	48,90	46,—	44,—
20608 A 3/4 +88 °C	Diethyl malonate <i>Diéthyle malonate / Dietilo malonato</i> <chem>CH2(COOC2H5)2</chem> <chem>C7H12O4</chem> $M = 160,17$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 99%	FL. FL. EKL. F. 2915	500 ml 1 L 30 kg 200 kg	19,75 36,25 price on request price on request	16,80 30,80	15,80 29,—	15,— 27,—

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4506	Diethylmalonic acid PROSYNTH® <i>Acide diéthylmalonique / Acido dietilmalónico</i> (CH ₃ CH ₂) ₂ C(COOH) ₂ C ₇ H ₁₂ O ₄ M = 160,17 g/mol assay (alkalimetric) 95% melting range 117–120 °C	WG. 2915	100 g	34,—	28,90	27,20	25,50
0223 3/4 82 °C	Diethyl methylmalonate PROSYNTH® <i>Diéthyle méthylmalonate / Dietilo metilmalonato</i> CH ₃ CH(COOC ₂ H ₅) ₂ C ₈ H ₁₄ O ₄ M = 174,20 g/mol 1 L ≈ 1,02 kg assay (GC) 99% boiling range 199–201 °C refractive index (n _D ²⁰) 1,413	FL. 2915	500 ml	163,—	138,55	130,40	125,50
0240	Diethyl oxalacetate, sodium derivative PROSYNTH® <i>Diéthyle oxalacétate, dérivé de sodium / Dietilo oxalacetato, derivado de sodio</i> C ₂ H ₅ OOCC(ONa) = CHCOOC ₂ H ₅ C ₈ H ₁₁ NaO ₅ M = 210,16 g/mol assay 99%	PF. PF. 2915	500 g 2,5 kg	74,— 295,—	62,90 244,85	59,20 230,10	57,— 221,25
0242 3/4 6.1 2525 3 78 °C	Diethyl oxalate PROSYNTH® <i>Diéthyle oxalate / Dietilo oxalato</i> C ₂ H ₅ OOCCOOC ₂ H ₅ C ₆ H ₁₀ O ₄ M = 146,14 g/mol 1 L ≈ 1,08 kg assay (GC) 99% boiling range 184–186 °C refractive index (n _D ²⁰) 1,410	FL. FL. 2915	500 ml 2,5 L	16,25 61,50	13,80 51,05	13,— 47,95	12,50 46,15
50191	Diethyl iso-pentylmalonate PROSYNTH® <i>Diéthyle iso-pentylmalonate / Dietilo iso-pentilmalonato</i> (CH ₃) ₂ CHCH ₂ CH ₂ CH(COOC ₂ H ₅) ₂ C ₁₂ H ₂₂ O ₄ M = 230,30 g/mol 1 L ≈ 0,96 kg assay (GC) 98% boiling range 248–251 °C refractive index (n _D ²⁰) 1,426	FL. 2915	500 ml	166,—	141,10	132,80	127,80
50349	Diethyl n-pentylmalonate PROSYNTH® <i>Diéthyle n-pentylmalonate / Dietilo n-pentilmalonato</i> CH ₃ (CH ₂) ₄ CH(COOC ₂ H ₅) ₂ C ₁₂ H ₂₂ O ₄ M = 230,30 g/mol 1 L ≈ 0,96 kg assay (GC) 98% boiling range (at 19 mbar) 134–136 °C refractive index (n _D ²⁰) 1,425	FL. 2915	100 ml	76,50	65,05	61,20	57,40
60350	N,N-Diethyl-p-phenylenediaminosulphate see N-Ethyl-N-(2-hydroxyethyl)-p-phenyldiamine sulphate Diethyl phenylmalonate PROSYNTH® <i>Diéthyle phénylmalonate / Dietilo fenilmalonato</i> C ₆ H ₅ CH(COOC ₂ H ₅) ₂ C ₁₃ H ₁₆ O ₄ M = 236,27 g/mol 1 L ≈ 1,10 kg assay (GC) 98% boiling range (at 13 mbar) 157–159 °C refractive index (n _D ²⁰) 1,497	FL. 2915	500 ml	43,75	37,20	35,—	33,70
62988 A 3/4 92 °C	Diethyl phosphite PROSYNTH® <i>Diéthyle phosphite / Dietilo fosfito</i> (C ₂ H ₅ O) ₂ POH C ₄ H ₁₁ O ₃ P M = 138,10 g/mol 1 L ≈ 1,07 kg assay (GC) 98% boiling range (at 2,7 mbar) 49–51 °C refractive index (n _D ²⁰) 1,407	FL. 2921	500 ml	27,75	23,60	22,20	21,35

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			1x	6x	24x	96x	
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27740	Diethyl phthalate 117 °C <i>Diéthyle phtalate / Dietilo ftalato</i> <chem>C6H4(COOC2H5)2</chem> <chem>C12H14O4</chem> $M = 222,24$ g/mol 1 L \approx 1,11 kg assay (GC) 99% boiling range (at 27 mbar) 175–179 °C density (D_4^{20}) 1,117–1,118 refractive index (n_D^{20}) 1,5021–1,5025 water (according to Karl Fischer) 0,05% free acid [as <chem>C6H4(COOH)2</chem>] 0,01%	FL. EKL. 2915	1 L 35 kg	28,25 price on request	24,—	22,60	21,—
62998	Diethyl pimelate PROSYNTH® <i>Diéthyle pimélate / Dietilo pimelato</i> <chem>C2H5OCO(CH2)5COOC2H5</chem> <chem>C11H20O4</chem> $M = 216,28$ g/mol 1 L \approx 0,98 kg assay (GC) 98% boiling range (at 20 mbar) 139–141 °C refractive index (n_D^{20}) 1,429	FL. 2915	25 ml	23,—	19,55	18,40	17,—
64039	2,2-Diethylpropanediol-(1,3) PROSYNTH® <i>2-2-Diéthylpropanediol-(1-3) / 2,2-Dietilpropanodiol-(1,3)</i> <chem>(C2H5)2C(CH2OH)2</chem> <chem>C7H16O2</chem> $M = 132,20$ g/mol assay (GC) 98% melting range 59–61 °C	WG. 2904	250 g	109,—	92,65	87,20	81,—
60347 A 3/4 +89 °C	Diethyl iso-propylmalonate PROSYNTH® <i>Diéthyle iso-propylmalonate / Dietilo iso-propilmalonato</i> <chem>(CH3)2CHCH(COOC2H5)2</chem> <chem>C10H18O4</chem> $M = 202,25$ g/mol 1 L \approx 0,99 kg assay (GC) 98% boiling range (at 16 mbar) 102–104 °C refractive index (n_D^{20}) 1,420	FL. 2915	250 ml	37,50	31,90	30,—	28,—
20620 A 3/4 +89 °C	Diethyl iso-propylmalonate <i>Diéthyle iso-propylmalonate / Dietilo iso-propilmalonato</i> <chem>(CH3)2CHCH(COOC2H5)2</chem> <chem>C10H18O4</chem> $M = 202,25$ g/mol 1 L \approx 0,99 kg	FL. F. 2915	1 L 200 kg	66,50 price on request	56,55	53,20	51,20
63049	Diethyl sebacate PROSYNTH® <i>Diéthyle sébacate / Dietilo sebacato</i> <chem>C2H5OCO(CH2)8COOC2H5</chem> <chem>C14H26O4</chem> $M = 258,36$ g/mol 1 L \approx 0,96 kg assay (GC) 95% boiling range 172–174 °C refractive index (n_D^{20}) 1,437	FL. 2915	250 ml	42,—	35,70	33,60	31,—
62718	Diethyl suberate PROSYNTH® <i>Diéthyle subérate / Dietilo suberato</i> <chem>C2H5OCO(CH2)6COOC2H5</chem> <chem>C12H22O4</chem> $M = 230,30$ g/mol 1 L \approx 0,98 kg assay (GC) 98% boiling range 281–283 °C refractive index (n_D^{20}) 1,432	FL. 2915	100 ml	42,75	36,35	34,20	32,00
60061	Diethyl succinate PROSYNTH® <i>Diéthyle succinate / Dietilo succinato</i> <chem>C2H5OOCCH2CH2COOC2H5</chem> <chem>C8H14O4</chem> $M = 174,20$ g/mol 1 L \approx 1,04 kg assay (GC) 99% boiling range 216–218 °C refractive index (n_D^{20}) 1,420	FL. 2915	1 L	62,—	52,70	49,60	47,70

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
0122	Diethyl sulphate PROSYNTH® <i>Diéthyle sulfate / Dietilo sulfato</i> (C ₂ H ₅ O) ₂ SO ₂ C ₄ H ₁₀ O ₄ S M = 154,19 g/mol 1 L ≈ 1,18 kg assay (GC) 99% boiling range (at 13 mbar) 88–91 °C refractive index (n _D ²⁰) 1,400  R: 22-23-34 S: 26-37 disposal: 7	FL. FL. FPFT. 2921	500 ml 1 L 30 kg	14,25 26,25 price on request	12,10 22,30	11,40 21,—	10,95 20,20
62433	Diethyl sulphide PROSYNTH® <i>Diéthyle sulfure / Dietilo sulfuro</i> C ₂ H ₅ SC ₂ H ₅ C ₄ H ₁₀ S M = 90,19 g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 90–92 °C refractive index (n _D ²⁰) 1,442  R: 11 S: 9-16-33 disposal: 15	FL. 2931	100 ml	36,—	30,60	28,80	27,—
64942	Diethyl L(+)-tartrate PROSYNTH® <i>Diéthyle L(+)-tartrate / Dietilo L(+)-tartrato</i> C ₂ H ₅ OCO(CHOH) ₂ COOC ₂ H ₅ C ₈ H ₁₄ O ₆ M = 206,20 g/mol 1 L ≈ 1,21 kg assay (GC) 98% boiling range 278–280 °C refractive index 1,446 optical rotation α _D ²⁰ +8° ± 0,5°	FL. 2916	250 ml	price on request			
60368	O,O-Diethyl thiophosphoric acid chloride PROSYNTH® <i>Acide O-O-diéthylthiophosphorique chlorure / Acido O,O-dietiltiofosfórico cloruro</i> (C ₂ H ₅ O) ₂ PSCI C ₄ H ₁₀ ClO ₂ PS M = 188,61 g/mol 1 L ≈ 1,20 kg assay 98%  R: 34 S: 26 disposal: 21	FL. 2921	1 L	100,—	85,—	80,—	77,—
Dietrich + Conrad see Magnesium nitride							
61067	2,4-Difluoroaniline PROSYNTH® <i>2-4-Difluoroaniline / 2,4-Difluoroanilina</i> F ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ F ₂ N M = 129,11 g/mol 1 L ≈ 1,28 kg assay (GC) 98% boiling range 168–170 °C refractive index (n _D ²⁰) 1,506  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	25 ml	175,—	148,75	140,—	131,25
61230	2,5-Difluoroaniline PROSYNTH® <i>2-5-Difluoroaniline / 2,5-Difluoroanilina</i> F ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ F ₂ N M = 129,11 g/mol 1 L ≈ 1,29 kg assay (GC) 98% boiling range (at 40 mbar) 84–86 °C refractive index (n _D ²⁰) 1,514  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	10 g	102,—	86,70	81,60	76,50

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Type of package
B.T.N.







Price per
package DM

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6x
(4 Boxes)

24x
(18 Boxes)

9x
(6 Boxes)



61231	1,2-Difluorobenzene PROSYNTH® <i>1-2-Difluorobenzène / 1,2-Difluorobenceno</i>	FL. 2902	25 ml	99,—	84,15	79,20	74
A 3/1A							
C 3.2 1993 2	<chem>C6H4F2</chem> $M = 114,09$ g/mol						
+ -0 °C	1 L \approx 1,16 kg						
	assay (GC) 98%						
	boiling range 90—92 °C						
	refractive index (n_D^{20}) 1,443						
	  R: 11-20 S: 7-16-29-33 disposal: 7						
61232	1,3-Difluorobenzene PROSYNTH® <i>1-3-Difluorobenzène / 1,3-Difluorobenceno</i>	FL. 2902	25 ml	121,—	102,85	96,80	90
A 3/1A							
C 3.2 1993 2	<chem>C6H4F2</chem> $M = 114,09$ g/mol						
+ -0 °C	1 L \approx 1,16 kg						
	assay (GC) 98%						
	boiling range 83—85 °C						
	refractive index (n_D^{20}) 1,438						
	  R: 11-20 S: 7-16-29-33 disposal: 7						
61233	1,4-Difluorobenzene PROSYNTH® <i>1-4-Difluorobenzène / 1,4-Difluorobenceno</i>	FL. 2902	100 ml	147,—	124,95	117,60	110
A 3/1A							
C 3.2 1993 2	<chem>C6H4F2</chem> $M = 114,09$ g/mol						
+ -0 °C	1 L \approx 1,17 kg						
	assay (GC) 98%						
	boiling range 87—89 °C						
	refractive index (n_D^{20}) 1,442						
	  R: 11-20 S: 7-16-29-33 disposal: 7						
61515	2,4'-Difluorobenzophenone PROSYNTH® <i>Difluoro-2-4'-benzophénone / 2,4'-Difluorobenzofenona</i>	FL. 2902	25 ml	price on request			
	<chem>FC6H4COC6H4F</chem>						
	<chem>C13H8F2O</chem> $M = 218,20$ g/mol						
	1 L \approx 1,24 kg						
	assay (GC) 99%						
	boiling range (at 16 mbar) 141—143 °C						
61158	4,4'-Difluorobenzophenone PROSYNTH® <i>Difluoro-4-4'-benzophénone / 4,4'-Difluorobenzofenona</i>	WG. FTP. 2913	50 g 25 kg	110,—	93,50	88,—	82
A 6.1/23C							
C 6.1 1602 3	<chem>FC6H4COC6H4F</chem>						
	<chem>C13H8F2O</chem> $M = 218,20$ g/mol						
	assay (GC) 99%						
	melting range 103—105 °C						
61238	4,4'-Difluorobiphenyl PROSYNTH® <i>4-4'-Difluorobiphényle / 4,4'-Difluorobifenilo</i>	WG. 2902	10 g	85,50	72,70	68,40	64
	<chem>FC6H4C6H4F</chem>						
	<chem>C12H8F2</chem> $M = 190,19$ g/mol						
	assay (GC) 98%						
	melting range 89—91 °C						
61235	1,5-Difluoro-2,4-dinitrobenzene PROSYNTH® <i>1-5-Difluoro-2-4-dinitrobenzène / 1,5-Difluoro-2,4-dinitrobenceno</i>	WG. 2903	10 g	54,50	46,35	43,60	40
A 6.1/21K							
C 6.1 2811 2	<chem>F2C6H2(NO2)2</chem>						
	<chem>C6H2F2N2O4</chem> $M = 204,09$ g/mol						
	assay (GC) 98%						
	melting range 73—75 °C						
61058	2,4-Difluoronitrobenzene PROSYNTH® <i>2-4-Difluoronitrobenzène / 2,4-Difluoronitrobenceno</i>	FL. 2903	100 ml	178,—	151,30	142,40	133
A 6.1/21K							
C 6.1 2810 2	<chem>C6H3F2NO2</chem> $M = 159,09$ g/mol						
	1 L \approx 1,45 kg						
	assay (GC) 97%						
	boiling range 204—207 °C						

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			1x.	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
1241	2,5-Difluoronitrobenzene PROSYNTH® <i>2-5-Difluoronitrobenzène / 2,5-Difluoronitrobenceno</i>	FL. 2903	50 ml	257,—	218,45	205,60	192,75
6.1/21K							
6.1 2810 2	<chem>C6H3F2NO2</chem> <i>M</i> = 159,09 g/mol 1 L ≈ 1,45 kg assay (GC) 98 % boiling range (at 33 mbar) 101—103 °C refractive index (n_D^{20}) 1,510						
1229	Difluorophosphoric acid PROSYNTH® <i>Acide difluorophosphorique / Acido difluorofosfórico</i>	PF. 2813	100 ml	204,—	173,40	163,20	153,—
8/10B							
8 1768 2	<chem>HF2O2P</chem> <i>M</i> = 101,99 g/mol 1 L ≈ 1,61 kg assay (ex P) 98 % keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
1244	2,4-Difluorotoluene PROSYNTH® <i>2-4-Difluorotoluène / 2,4-Difluorotolueno</i>	FL. 2902	25 g	250,—	212,50	200,—	187,50
	<chem>F2C6H3CH3</chem> <chem>C7H6F2</chem> <i>M</i> = 128,12 g/mol 1 L ≈ 1,15 kg assay (GC) 97 % boiling range 113—116 °C						
1245	2,5-Difluorotoluene PROSYNTH® <i>2-5-Difluorotoluène / 2,5-Difluorotolueno</i>	FL. 2902	25 g	257,—	218,45	205,60	192,75
	<chem>F2C6H3CH3</chem> <chem>C7H6F2</chem> <i>M</i> = 128,12 g/mol 1 L ≈ 1,15 kg assay (GC) 97 % boiling range (at 1033 mbar) 115—117 °C						
	1,2-Diformylbenzene see Phthaldialdehyde						
	1,3-Diformylbenzene see <i>iso</i> -Phthaldialdehyde						
	1,4-Diformylbenzene see Terephthalaldehyde						
	Digestin® see Tissue solubilizer						
20812	Digitonin cryst. <i>Digitonine / Digitonina</i>	FL. WG. 2941	1 g 5 g	35,25 155,—	29,95 131,75	28,20 124,—	26,45 116,25
A 6.1/81E							
6.1 1544 3	<chem>C56H92O29</chem> <i>M</i> = 1229,33 g/mol assay (in dried substance) 99,8 % specific rotation ([α] $_D^{20}$; <i>c</i> = 2 in <chem>CH3COOH</chem> 75 %) -46° to -50° loss on drying (105 °C) 6 % sulphated ash 0,05 %						
39134	D(+)-Digitoxose BIOSYNTH® <i>D(+)-Digitoxose / D(+)-Digitoxosa</i> <chem>CH3CH(CHOH)2CH2CH(OH)O</chem> <chem>C6H12O4</chem> <i>M</i> = 148,16 g/mol specific rotation ([α] $_D^{20}$; <i>c</i> = 1 in <chem>H2O</chem>) +46,5° ± 2° package of 100 mg	2943	1 pack	22,—	18,70	17,60	16,50
	Diglycol see Diethylene glycol						
	Diglyme see Diethylene glycol dimethyl ether						
	Digol see Diethylene glycol						
84041	Diheptyl ether PROSYNTH® <i>Ether diheptylique / Eter diheptílico</i> <chem>[CH3(CH2)6]2O</chem> <chem>C14H30O</chem> <i>M</i> = 214,39 g/mol assay (GC) 97 % boiling range 256—258 °C refractive index (n_D^{20}) 1,427	FL. 2908	25 g	26,25	22,30	21,—	19,70

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Type of package
B.T.N.

Price per package DM 1x 6x 24x 9
(1 Box) (4 Boxes) (10 Boxes)

63410	Diheptyl ketone PROSYNTH® <i>Diheptylcétone / Diheptilcetona</i> <chem>CH3(CH2)6CO(CH2)6CH3</chem> <chem>C15H30O</chem> $M = 226,40$ g/mol assay (GC) 98% melting range 39–41 °C	WG. 2913	25 g	21,50	18,30	17,20	11
62501 A 3/4 +77 °C	Dihexyl ether PROSYNTH® <i>Ether dihexylique / Eter dihexílico</i> <chem>CH3(CH2)5O(CH2)5CH3</chem> <chem>C12H26O</chem> $M = 186,34$ g/mol $1\text{ L} \approx 0,79$ kg assay (GC) 97% boiling range 219–222 °C refractive index (n_D^{20}) 1,420	FL. 2908	100 ml	25,25	21,45	20,20	18
63411	Dihexyl ketone PROSYNTH® <i>Dihexylcétone / Dihexilcetona</i> <chem>CH3(CH2)5CO(CH2)5CH3</chem> <chem>C13H26O</chem> $M = 198,35$ g/mol assay (GC) 98% melting range 30–32 °C	WG. 2913	25 g	33,25	28,25	26,60	24
	1,2-Dihydroacenaphthylene see Acenaphthene						
63413	9,10-Dihydroanthracene PROSYNTH® <i>9-10-Dihydroanthracène / 9,10-Dihidroantraceno</i> <chem>C6H4CH2C6H4CH2</chem> <chem>C14H12</chem> $M = 180,25$ g/mol assay (GC) 98% melting range 107–109 °C	WG. 2901	100 g	40,75	34,65	32,60	30
	1,2-Dihydrobenzene see 1,3-Cyclohexadiene						
	1,4-Dihydrobenzene see 1,4-Cyclohexadiene						
64042	Dihydrocoumarin PROSYNTH® <i>Dihydrocoumarine / Dihidrocoumarina</i> <chem>C9H8O2</chem> $M = 148,16$ g/mol $1\text{ L} \approx 1,17$ kg assay (GC) 97% boiling range 269–271 °C refractive index (n_D^{20}) 1,556  R: 23/24/25 S: 1-13-45 disposal: 10	FL. 2935	50 ml	14,25	12,10	11,40	10
64526 A 3/1A C 3.2 1993 2 +1 °C	2,5-Dihydrofuran PROSYNTH® <i>Dihydro-2-5-furanne / 2,5-Dihidrofurano</i> <chem>OCH2CH=CHCH2</chem> <chem>C4H6O</chem> $M = 70,09$ g/mol $1\text{ L} \approx 0,95$ kg assay (GC) 98% boiling range 64–66 °C refractive index (n_D^{20}) 1,426  R: 11 S: 9-16-33 disposal: 6	FL. 2935	100 ml	39,25	33,35	31,40	29
	2,3-Dihydroindole see Indoline						
	9,10-Dihydro-9-oxoanthracene see Anthrone						
60139 A 3/1A C 3.2 2378 2 -16 °C	3,4-Dihydro-2H-pyran PROSYNTH® <i>3-4-Dihydro-2H-pyranne / 3,4-Dihidro-2H-pirano</i> <chem>OCH2CH2CH2CH=CH2</chem> <chem>C5H8O</chem> $M = 84,12$ g/mol $1\text{ L} \approx 0,92$ kg assay (GC) 98% boiling range 86–88 °C refractive index (n_D^{20}) 1,440	FL. FL. 2935	250 ml 1 L	58,— 193,—	49,30 164,05	46,40 154,40	43 148
	1,2-Dihydroxobenzene see Pyrocatechol						


de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2502	2,4-Dihydroxyacetophenone PROSYNTH® <i>2-4-Dihydroxyacétophénone / 2,4-Dihidroxiacetofenona</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{COCH}_3$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay (GC) 99% melting range 144–146 °C	WG. 2913	100 g	69,50	59,10	55,60	52,15
4966	2,5-Dihydroxyacetophenone PROSYNTH® <i>2-5-Dihydroxyacétophénone / 2,5-Dihidroxiacetofenona</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{COCH}_3$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay (HPLC) 99%	WG. 2913	5 g	54,50	46,35	43,60	40,90
2503	2,6-Dihydroxyacetophenone PROSYNTH® <i>2-6-Dihydroxyacétophénone / 2,6-Dihidroxiacetofenona</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{COCH}_3$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay (GC) 99% melting range 155–157 °C 2,4-Dihydroxy-1-acetylbenzene see 2,4-Dihydroxyacetophenone 2,6-Dihydroxy-1-acetylbenzene see 2,6-Dihydroxyacetophenone	WG. 2913	10 g	65,—	55,25	52,—	48,75
2504	1,4-Dihydroxyanthraquinone PROSYNTH® <i>1-4-Dihydroxyanthraquinone / 1,4-Dihidroxiانtraquinona</i> $\text{COC}_6\text{H}_4\text{COC}_6\text{H}_2(\text{OH})_2$ $\text{C}_{14}\text{H}_8\text{O}_4$ $M = 240,21$ g/mol assay 97% melting range 191–193 °C (disint.)	WG. 2913	100 g	12,—	10,20	9,60	9,—
2505	1,8-Dihydroxyanthraquinone PROSYNTH® <i>1-8-Dihydroxyanthraquinone / 1,8-Dihidroxiانtraquinona</i> $\text{COC}_6\text{H}_3(\text{OH})\text{COC}_6\text{H}_3\text{OH}$ $\text{C}_{14}\text{H}_8\text{O}_4$ $M = 240,21$ g/mol melting range 191–193 °C	WG. 2913	100 g	30,75	26,15	24,60	23,05
63818	2,6-Dihydroxyanthraquinone PROSYNTH® <i>2-6-Dihydroxyanthraquinone / 2,6-Dihidroxiانtraquinona</i> $\text{C}_{14}\text{H}_8\text{O}_4$ $M = 240,21$ g/mol	WG. 2913	100 g	74,50	63,35	59,60	55,90
64967	2,3-Dihydroxybenzaldehyde PROSYNTH® <i>Dihydroxy-2-3-benzaldéhyde / 2,3-Dihidroxiبنزالدهيدو</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_7\text{H}_6\text{O}_3$ $M = 138,12$ g/mol assay (HPLC) 97% melting range 104–106 °C	WG. 2911	5 g	26,25	22,30	21,—	19,70
64529	2,5-Dihydroxybenzaldehyde PROSYNTH® <i>Dihydroxy-2-5-benzaldéhyde / 2,5-Dihidroxiبنزالدهيدو</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_7\text{H}_6\text{O}_3$ $M = 138,12$ g/mol assay (HPLC) 98% melting range 97–99 °C	WG. 2911	5 g	47,50	40,40	38,—	35,65
62506	3,4-Dihydroxybenzaldehyde PROSYNTH® <i>Dihydroxy-3-4-benzaldéhyde / 3,4-Dihidroxiبنزالدهيدو</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_7\text{H}_6\text{O}_3$ $M = 138,12$ g/mol assay (HPLC) 97% melting range 150–153 °C o-Dihydroxybenzene see Pyrocatechol m-Dihydroxybenzene see Resorcinol p-Dihydroxybenzene see Hydroquinone 1,2-Dihydroxybenzene-3,5-disulphonic acid sodium salt see Tiron	PF. 2911	100 g	191,—	162,35	152,80	143,25

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Type of package
B.T.N.

Price per package DM 1x 6x 24x 9x
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60140	2,4-Dihydroxybenzoic acid PROSYNTH® (β -resorcylic acid) <i>Acide dihydroxy-2-4-benzoïque / Acido dihidroxi-2,4-benzóico</i> (HO) ₂ C ₆ H ₃ COOH C ₇ H ₆ O ₄ M = 154,12 g/mol assay (alkalimetric) 98% melting range 208–211 °C (disint.)	PF. 2916	250 g	44,75	38,05	35,80	33
62507	2,5-Dihydroxybenzoic acid PROSYNTH® <i>Acide dihydroxy-2-5-benzoïque / Acido 2,5-dihidroxibenzóico</i> (HO) ₂ C ₆ H ₃ COOH C ₇ H ₆ O ₄ M = 154,12 g/mol assay (alkalimetric) 98% melting range 202–205 °C	PF. 2916	100 g	32,25	27,40	25,80	24
60141	2,6-Dihydroxybenzoic acid PROSYNTH® (γ -resorcylic acid) <i>Acide dihydroxy-2-6-benzoïque / Acido dihidroxi-2,6-benzóico</i> (HO) ₂ C ₆ H ₃ COOH C ₇ H ₆ O ₄ M = 154,12 g/mol assay (alkalimetric) 98% melting range 155–158 °C (disint.)	PF. 2916	250 g	80,—	68,—	64,—	60
63820	3,4-Dihydroxybenzoic acid PROSYNTH® <i>Acide dihydroxy-3-4-benzoïque / Acido 3,4-dihidroxibenzóico</i> (HO) ₂ C ₆ H ₃ COOH C ₇ H ₆ O ₄ M = 154,12 g/mol assay (alkalimetric) 98% melting range 197–200 °C (disint.)	WG. 2916	10 g	25,25	21,45	20,20	18
60142	3,5-Dihydroxybenzoic acid PROSYNTH® (α -resorcylic acid) <i>Acide dihydroxy-3-5-benzoïque / Acido dihidroxi-3,5-benzóico</i> C ₆ H ₃ (OH) ₂ COOH C ₇ H ₆ O ₄ M = 154,12 g/mol assay (alkalimetric) 98% melting range 235–238 °C	PF. 2916	250 g	42,75	36,35	34,20	32
63415	2,4-Dihydroxybenzophenone PROSYNTH® <i>2-4-Dihydroxybenzophénone / 2,4-Dihidroxibenzofenona</i> (HO) ₂ C ₆ H ₃ COC ₆ H ₅ C ₁₃ H ₁₀ O ₃ M = 214,22 g/mol assay (alkalimetric) 99% melting range 144–146 °C	WG. WG. 2913	100 g 1 kg	23,— 175,—	19,55 148,75	18,40 140,—	17, 134,
64044	2,2'-Dihydroxybiphenyl PROSYNTH® <i>2-2'-Dihydroxybiphényle / 2,2'-Dihidroxibifenilo</i> HOC ₆ H ₄ C ₆ H ₄ OH C ₁₂ H ₁₀ O ₂ M = 186,21 g/mol assay (HPLC) 99% melting range 108–110 °C	WG. 2906	100 g	25,25	21,45	20,20	18,
64979	4,4'-Dihydroxybiphenyl PROSYNTH® <i>4-4'-Dihydroxybiphényle / 4,4'-Dihidroxibifenilo</i> HOC ₆ H ₄ C ₆ H ₄ OH C ₁₂ H ₁₀ O ₂ M = 186,21 g/mol	WG. 2906	10 g	12,—	10,20	9,60	9,
64045	Dihydroxybiphenylsulphone mixture of 2,4'- and 4,4'-isomeres PROSYNTH® <i>Dihydroxybiphénylsulfone / Dihidroxibifenilsulfona</i> (HOC ₆ H ₄) ₂ SO ₂ C ₁₂ H ₁₀ O ₄ S M = 250,27 g/mol assay 99% assay of 4,4'-dihydroxybiphenylsulphone (HPLC) 80% assay of 2,4'-dihydroxybiphenylsulphone (HPLC) 20%	WG. 2907	250 g	25,25	21,45	20,20	18,

Index-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2,3-Dihydroxybutenoic acid see Dihydroxyfumaric acid							
1,2-Dihydroxy-4- <i>tert.</i> -butylbenzene see 4- <i>tert.</i> -Butylpyroatechol							
0366	3 α ,7 α -Dihydroxy-5 β -cholanic acid BIOSYNTH® <i>Acide 3α,7α-dihydroxy-5β-cholanique / Acido 3α,7α-dihidroxi-5β-colánico</i> C ₂₄ H ₄₀ O ₄ M = 392,58 g/mol	FL. WG. 2916	1 g 5 g	11,— 24,—	9,35 20,40	8,80 19,20	8,25 18,—
2510	3,4-Dihydroxycinnamic acid PROSYNTH® <i>Acide 3-4-dihydroxycinnamique / Acido 3,4-dihidroxicinámico</i> (HO) ₂ C ₆ H ₃ CH = CHCOOH C ₉ H ₈ O ₄ M = 180,16 g/mol melting range 210—211 °C (disint.)	WG. 2916	10 g	41,75	35,50	33,40	31,30
1,2-Dihydroxycyclohexane see <i>cis,trans</i> -1,2-Cyclohexanediol							
2,4-Dihydroxy-1-cyclohexylbenzene see 4-Cyclohexylresorcinol							
2,5-Dihydroxy-1,4-di- <i>tert.</i> -butylbenzene see 2,5-Di- <i>tert.</i> -butylhydroquinone							
2,2'-Dihydroxy diethyl ether see Diethylene glycol							
1,4-Dihydroxy-9,10-dioxo-9,10-dihydroanthracene see 1,4-Dihydroxyanthraquinone							
1,8-Dihydroxy-9,10-dioxo-9,10-dihydroanthracene see 1,8-Dihydroxyanthraquinone							
2,2-Dihydroxy-1,3-dioxohydrindene see Ninhydrin							
62509	Dihydroxyfumaric acid PROSYNTH® <i>Acide dihydroxyfumarique / Acido dihidroxifumárico</i> HOOC(OH) = C(OH)COOH C ₄ H ₄ O ₆ M = 148,07 g/mol assay (GC) 99% melting range 154—156 °C (disint.)	WG. 2916	25 g	36,—	30,60	28,80	27,—
4,5-Dihydroxy-2-methylanthraquinone see Chrysophanic acid							
63416	5,7-Dihydroxy-4-methylcoumarin PROSYNTH® <i>5-7-Dihydroxy-4-méthylcoumarine / 5,7-Dihidroxi-4-metilcumarina</i> (HO) ₂ C ₆ H ₂ OCOCH = CCH ₃ C ₁₀ H ₈ O ₄ M = 192,17 g/mol  R: 23/24/25 S: 1-13-45 disposal: 10	WG. 2935	25 g	44,50	37,85	35,60	33,40
Dihydroxynaphthalene see also Naphthalenediol							
1,8-Dihydroxynaphthalene-3,6-disulphonic acid disodium salt see Chromotropic acid							
39266	3,4-Dihydroxy-DL-phenylalanine BIOSYNTH® (DL-DOPA) <i>3-4-Dihydroxy-DL-phénylalanine / 3,4-Dihidroxi-DL-fenilalanina</i> (HO) ₂ C ₆ H ₃ CH ₂ CH(NH ₂)COOH C ₉ H ₁₁ NO ₄ M = 197,19 g/mol	WG. 2923	5 g	15,50	13,20	12,40	11,65
39011	3,4-Dihydroxy-L-phenylalanine BIOSYNTH® (L-DOPA) <i>3-4-Dihydroxy-L-phénylalanine / 3,4-Dihidroxi-L-fenilalanina</i> (HO) ₂ C ₆ H ₃ CH ₂ CH(NH ₂)COOH C ₉ H ₁₁ NO ₄ M = 197,19 g/mol assay (ex N) 99% specific rotation ([α] _D ²⁰ ; c = 2 in HCl) -12° ± 1°	WG. 2923	5 g	14,75	12,55	11,80	11,05

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM



1x




6x
(1 Box)






24x
(4 Boxes)

9x
(18 Boxes)






65163	1-(2,4-Dihydroxyphenyl)-hexanone-(1) PROSYNTH® <i>1-(2,4-Dihydroxyphényl)-hexanone-(1) / 1-(2,4-Dihydroxifenil)-hexanona-(1)</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{CO}(\text{CH}_2)_4\text{CH}_3$ $\text{C}_{12}\text{H}_{18}\text{O}_3$ $M = 208,26$ g/mol assay (GC) 98% melting range 54–56 °C 2,4-Dihydroxypropionylbenzene see 2,4-Dihydroxypropiophenone	WG. 2913	250 g	70,—	59,50	56,—	52,—
63417	2,4-Dihydroxypropiophenone PROSYNTH® <i>2,4-Dihydroxypropiophénone / 2,4-Dihidroxiopropiofenona</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{COCH}_2\text{CH}_3$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M = 166,18$ g/mol assay (GC) 99% melting range 99–101 °C 2,3-Dihydroxypropylmercaptan see 1-Thioglycerol	PF. 2913	25 g	32,50	27,65	26,—	24,—
63418	2,4-Dihydroxypteridine PROSYNTH® (Lumazine) <i>2,4-Dihydroxyptéridine / 2,4-Dihidroxipteridina</i> $\text{C}_6\text{H}_4\text{N}_4\text{O}_2$ $M = 164,12$ g/mol assay 95% 2,4-Dihydroxypyrimidine see Uracil	FL. 2935	1 g	35,—	29,75	28,—	26,—
63419	4,6-Dihydroxypyrimidine PROSYNTH® <i>4,6-Dihydroxypyrimidine / 4,6-Dihidroxiipirimidina</i> $\text{N}=\text{CHN}=\text{C}(\text{OH})\text{CH}=\text{COH}$ $\text{C}_4\text{H}_4\text{N}_2\text{O}_2$ $M = 112,09$ g/mol assay 97%	WG. 2935	25 g	20,25	17,20	16,20	15,—
63420	2,3-Dihydroxyquinoxalene PROSYNTH® <i>2,3-Dihydroxyquinoxalène / 2,3-Dihidroxiquinoxaleno</i> $\text{C}_6\text{H}_4\text{N}=\text{C}(\text{OH})\text{C}(\text{OH})=\text{N}$ $\text{C}_8\text{H}_6\text{N}_2\text{O}_2$ $M = 162,15$ g/mol assay 98% 1,2-Dihydroxy-4-tertiarybutylbenzene see tert.-Butylpyrocatechol 2,3-Dihydroxytoluene see 3-Methylpyrocatechol	WG. 2935	10 g	11,—	9,35	8,80	8,—
64704	2,5-Dihydroxytoluene PROSYNTH® <i>Dihydroxy-2-5-toluène / 2,5-Dihidroxitolueno</i> $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})_2$ $\text{C}_7\text{H}_8\text{O}_2$ $M = 124,14$ g/mol assay (GC) 98% melting range 126–128 °C	WG. 2906	100 g	30,75	26,15	24,60	23,—
63663	2,6-Dihydroxytoluene PROSYNTH® <i>Dihydroxy-2-6-toluène / 2,6-Dihidroxitolueno</i> $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})_2$ $\text{C}_7\text{H}_8\text{O}_2$ $M = 124,14$ g/mol assay (GC) 95% melting range 111–113 °C 3,5-Dihydroxytoluene see Orcinol 4,6-Diimino-2-thionehexahydropyrimidine see 4,6-Diamino-2-mercaptopyrimidine	WG. 2906	100 g	35,50	30,20	28,40	26,—
64969	1,10-Diiododecane PROSYNTH® <i>1-10-Diiododécane / 1,10-Diyododecano</i> $\text{J}(\text{CH}_2)_{10}\text{J}$ $\text{C}_{10}\text{H}_{20}\text{J}_2$ $M = 394,08$ g/mol assay (ex J) 99% melting range 26–29 °C	WG. 2902	100 g	30,75	26,15	24,60	23,—

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922	Diiodofluorescein adsorption indicator (C. I. No. 45425, S. No. 886) <i>Diiodofluorescéine / Diyodofluoresceína</i> $\text{NaOOC}\text{C}_6\text{H}_4\text{C}=\text{C}_6\text{H}_2\text{J}(\text{=O})\text{OC}_6\text{H}_2\text{JONa}$ $\text{C}_{20}\text{H}_8\text{J}_2\text{Na}_2\text{O}_5$ $M = 628,06$ g/mol	WG. 3205	10 g	21,50	18,30	17,20	16,15
984	3,5-Diiodo-2-hydroxybenzoic acid PROSYNTH® <i>Acide 3-5-diiodo-2-hydroxybenzoïque / Acido 3,5-diyodo-2-hidroxibenzóico</i> $\text{HOC}_6\text{H}_2\text{J}_2\text{COOH}$ $\text{C}_7\text{H}_4\text{J}_2\text{O}_3$ $M = 389,92$ g/mol assay (alkalimetric) 98% melting range 226–230 °C (disint.)	WG. 2916	25 g	20,25	17,20	16,20	15,20
2008	5,7-Diiodo-8-hydroxyquinoline B. P. 1973, U. S. P. XVIII <i>5-7-Diiodo-8-hydroxyquinoléine / 5,7-Diyodo-8-hidroxiquinolina</i> $\text{J}_2\text{C}_6\text{H}(\text{OH})\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_9\text{H}_5\text{J}_2\text{NO}$ $M = 396,95$ g/mol	WG. FTP. 2935	500 g 50 kg	46,50 price on request	39,55	37,20	35,80
0319 6.1/62 6.1 2810 3	Diiodomethane (D_{44}^{20}) 3,31–3,32 for the separation of mineral compounds <i>Diiodométhane / Diyodometano</i> CH_2J_2 $M = 267,84$ g/mol $1 \text{ L} \approx 3,31 \text{ kg}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20 S: 24 disposal: 13	FL. 2902	100 ml	183,—	155,55	146,40	137,25
0143 6.1/62 6.1 2810 3	Diiodomethane PROSYNTH® <i>Diiodométhane / Diyodometano</i> CH_2J_2 $M = 267,84$ g/mol $1 \text{ L} \approx 3,33 \text{ kg}$ assay (GC) 99% boiling range (at 15 mbar) 67–69 °C refractive index (n_D^{20}) 1,745 keep cool à stocker au frais consérvese fric  R: 20 S: 24 disposal: 13	FL. 2902	100 ml	56,—	47,60	44,80	42,—
64970	1,8-Diiodooctane PROSYNTH® <i>1-8-Diiodooctane / 1,8-Diyodooctano</i> $\text{J}(\text{CH}_2)_8\text{J}$ $\text{C}_8\text{H}_{18}\text{J}_2$ $M = 366,02$ g/mol $1 \text{ L} \approx 1,84 \text{ kg}$ assay (GC) 97% boiling range (at 8 mbar) 166–168 °C refractive index (n_D^{20}) 1,564	FL. 2902	5 ml	28,50	24,25	22,80	21,40
64971	1,5-Diiodopentane PROSYNTH® <i>1-5-Diiodopentane / 1,5-Diyodopentano</i> $\text{J}(\text{CH}_2)_5\text{J}$ $\text{C}_5\text{H}_{10}\text{J}_2$ $M = 323,94$ g/mol $1 \text{ L} \approx 2,17 \text{ kg}$ assay 97% boiling range (at 32 mbar) 154–156 °C refractive index (n_D^{20}) 1,605	FL. 2902	25 ml	31,25	26,55	25,—	23,45
1120	1,4-Diiodoperfluorobutane PROSYNTH® <i>1-4-Diiodoperfluorobutane / 1,4-Diyodoperfluorobutano</i> $\text{J}(\text{CF}_2)_4\text{J}$ $\text{C}_4\text{F}_8\text{J}_2$ $M = 453,84$ g/mol $1 \text{ L} \approx 2,50 \text{ kg}$ assay 98%	WG. 2902	10 g	56,50	48,05	45,20	42,40

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64972	1,3-Diiodopropane PROSYNTH® <i>1-3-Diiodopropane / 1,3-Diyodopropano</i> $J(CH_2)_3J$ $C_3H_6J_2$ $M = 295,89$ g/mol $1\text{ L} \approx 2,56$ kg assay (GC) 97% boiling range (at 25 mbar) 108–110 °C refractive index (n_D^{20}) 1,642	FL. 2902	25 ml	28,50	24,25	22,80	21
39403	3,5-Diiodo-L-thyronine BIOSYNTH® <i>3-5-Diiodo-L-thyronine / 3,5-Diyodo-L-tironina</i> $HOC_6H_4OC_6H_2J_2CH_2CH(NH_2)COOH$ $C_{15}H_{13}J_2NO_4$ $M = 525,08$ g/mol	FL. 2923	1 g	76,50	65,05	61,20	57
39399	3,5-Diiodo-DL-thyronine BIOSYNTH® <i>3-5-Diiodo-DL-thyronine / 3,5-Diyodo-DL-tironina</i> $HOC_6H_4OC_6H_2J_2CH_2CH(NH_2)COOH$ $C_{15}H_{13}J_2NO_4$ $M = 525,08$ g/mol	FL. 2923	1 g	31,25	26,55	25,—	23
39400	3,5-Diiodo-L-tyrosine BIOSYNTH® <i>3-5-Diiodo-L-tyrosine / 3,5-Diyodo-L-tirosina</i> $HOC_6H_2J_2CH_2CH(NH_2)COOH \cdot 2H_2O$ $C_9H_9J_2NO_3 \cdot 2H_2O$ $M = 469,01$ g/mol	WG. 2923	50 g	40,50	34,45	32,40	30
2,5-Diketotetrahydrofuran see Succinic anhydride							
63593 A 5.2/11 C 5.2 2124 2	Dilauroyl peroxide PROSYNTH® <i>Dilauroyle peroxyde / Dilauroilo peróxido</i> $[CH_3(CH_2)_{10}CO]_2O_2$ $C_{24}H_{46}O_4$ $M = 398,63$ g/mol assay (iodometric) 98% melting range 53–55 °C   R: 11-36/37/38 S: 3-7/9-14-27-37/39 disposal: 16	WG. 2914	250 g	40,25	34,20	32,20	30
Di-lead(II)-lead(IV) oxide see Lead(II,IV) oxide							
33128	Dimedone R. G., reagent for aldehydes <i>Dimédon / Dimedona</i> $(CH_3)_2CCH_2COCH_2COCH_2$ $C_8H_{12}O_2$ $M = 140,18$ g/mol assay min. 99,5% melting range 146–148 °C sulphated ash max. 0,1% suitability for determination of formaldehyde passes test	WG. 2906	25 g	19,50	16,60	15,60	14
35778 A 6.1/81A C 6.1 1615 1	Dimefox min. 99% PESTANAL® (Tetramethyl phosphorodiamidic fluoride) $[(CCH_3)_2N]_2P(O)F$ $C_4H_{12}FN_2OP$ $M = 154,12$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26/27/28 S: 1-13-28-45 disposal: 7	FL. 2902	2 g	56,50	48,05	45,20	42
3,4-Dimercapto-1-methylbenzene see Dithiol							
64046	2,3-Dimercaptopropanol-(1) PROSYNTH® <i>2-3-Dimercaptopropanol-(1) / 2,3-Dimercaptopropanol-(1)</i> $HOCH_2CH(SH)CH_2SH$ $C_3H_8OS_2$ $M = 124,23$ g/mol $1\text{ L} \approx 1,25$ kg assay (iodometric) 98% boiling range (bei 20 mbar) 118–120 °C refractive index (n_D^{20}) 1,573	FL. 2931	10 ml	49,25	41,85	39,40	36

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
5720	Dimethoat min. 99% PESTANAL® [0,0-Dimethyl-S-(N-methylcarbamoylmethyl)-phosphorodithioate] (CH ₃ O) ₂ P(S)SCH ₂ C(O)NHCH ₃ C ₅ H ₁₂ NO ₃ PS ₂ M = 229,26 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 2-13 disposal: 7	FL. 2921	1 g	21,50	18,30	17,20	16,15
6.1/83A1							
6.1 1615 3							
4531	2,4-Dimethoxyacetophenone PROSYNTH® <i>Diméthoxy-2-4-acétophénone / 2,4-Dimetoxiacetofenona</i> (CH ₃ O) ₂ C ₆ H ₃ COCH ₃ C ₁₀ H ₁₂ O ₃ M = 180,20 g/mol assay (GC) 98% melting range 39–41 °C	WG. 2913	100 g	30,75	26,15	24,60	23,05
4549	2,4-Dimethoxyaniline PROSYNTH® <i>Diméthoxy-2-4-aniline / 2,4-Dimetoxianilina</i> (CH ₃ O) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ NO ₂ M = 153,18 g/mol assay (GC) 97% melting range 33–35 °C  R: 23/24/25 S: 44 disposal: 19	WG. 2923	100 g	23,—	19,55	18,40	17,25
6.1/21F							
6.1 2811 2							
52511	2,5-Dimethoxyaniline PROSYNTH® <i>Diméthoxy-2-5-aniline / 2,5-Dimetoxianilina</i> (CH ₃ O) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ NO ₂ M = 153,18 g/mol assay (GC) 97% melting range 79–81 °C  R: 23/24/25 S: 44 disposal: 19	WG. 2923	100 g	18,75	15,95	15,—	14,05
6.1/21							
6.1 2811 2							
64532	3,4-Dimethoxyaniline PROSYNTH® <i>Diméthoxy-3-4-aniline / 3,4-Dimetoxianilina</i> (CH ₃ O) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ NO ₂ M = 153,18 g/mol assay (GC) 98% melting range 85–88 °C  R: 23/24/25 S: 44 disposal: 19	WG. 2923	10 g	48,—	40,80	38,40	36,—
6.1/21							
6.1 2811 2							
64534	3,5-Dimethoxyaniline PROSYNTH® <i>Diméthoxy-3-5-aniline / 3,5-Dimetoxianilina</i> (CH ₃ O) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ NO ₂ M = 153,18 g/mol assay (GC) 98% melting range 52–54 °C  R: 23/24/25 S: 44 disposal: 19	WG. 2923	5 g	26,25	22,30	21,—	19,70
6.1/21P							
6.1 2811 2							
63824	2,3-Dimethoxybenzaldehyde PROSYNTH® <i>Diméthoxy-2-3-benzaldéhyde / 2,3-Dimetoxibenzaldehydo</i> (CH ₃ O) ₂ C ₆ H ₃ CHO C ₉ H ₁₀ O ₃ M = 166,18 g/mol assay (GC) 98% melting range 48–50 °C	WG. 2911	25 g	41,50	35,30	33,20	31,15
62512	2,4-Dimethoxybenzaldehyde PROSYNTH® <i>Diméthoxy-2-4-benzaldéhyde / 2,4-Dimetoxibenzaldehydo</i> (CH ₃ O) ₂ C ₆ H ₃ CHO C ₉ H ₁₀ O ₃ M = 166,18 g/mol assay (GC) 98% melting range 67–69 °C	WG. 2911	25 g	44,75	38,05	35,80	33,55

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62513	2,5-Dimethoxybenzaldehyde PROSYNTH® <i>Diméthoxy-2-5-benzaldéhyde / 2,5-Dimetoxibenzaldehído</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M = 166,18 \text{ g/mol}$ assay (GC) 98% melting range 46–48 °C	WG. 2911	25 g	26,25	22,30	21,—	19
	3,4-Dimethoxybenzaldehyde see Veratraldehyde						
64535	3,5-Dimethoxybenzaldehyde PROSYNTH® <i>Diméthoxy-3-5-benzaldéhyde / 3,5-Dimetoxibenzaldehído</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M = 166,18 \text{ g/mol}$ assay (GC) 97% melting range 44–46 °C	WG. 2911	10 g	108,50	92,25	86,80	81
	1,2-Dimethoxybenzene see Vetratrole 1,3-Dimethoxybenzene see Resorcinol dimethyl ether 1,4-Dimethoxybenzene see Hydroquinone dimethyl ether 3,3'-Dimethoxybenzidine see o-Dianisidine						
64985	2,3-Dimethoxybenzoic acid PROSYNTH® <i>Acide 2-3-diméthoxybenzoïque / Acido 2,3-dimetoxibenzóico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_9\text{H}_{10}\text{O}_4$ $M = 182,18 \text{ g/mol}$ assay (alkalimetric) 98% melting range 120–122 °C	WG. 2916	5 g	15,50	13,20	12,40	11
63825	2,4-Dimethoxybenzoic acid PROSYNTH® <i>Acide 2-4-diméthoxybenzoïque / Acido 2,4-dimetoxibenzóico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_9\text{H}_{10}\text{O}_4$ $M = 182,18 \text{ g/mol}$ assay (alkalimetric) 98% melting range 107–109 °C	WG. 2916	25 g	43,75	37,20	35,—	32
64536	2,6-Dimethoxybenzoic acid PROSYNTH® <i>Acide diméthoxy-2-6-benzoïque / Acido 2,6-dimetoxibenzóico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_9\text{H}_{10}\text{O}_4$ $M = 182,18 \text{ g/mol}$ assay (alkalimetric) 98% melting range 185–187 °C	WG. 2916	100 g	90,—	80,10	75,60	71
64986	3,5-Dimethoxybenzoic acid PROSYNTH® <i>Acide 3-5-diméthoxybenzoïque / Acido 3,5-dimetoxibenzóico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{COOH}$ $\text{C}_9\text{H}_{10}\text{O}_4$ $M = 182,18 \text{ g/mol}$ assay (alkalimetric) 99% melting range 178–180 °C	WG. 2916	100 g	71,—	60,35	56,80	53,
64989 A 6.1/21 C 6.1 2811 2	2,6-Dimethoxybenzonitrile PROSYNTH® <i>2-6-Diméthoxybenzonitrile / 2,6-Dimetoxibenzonitrilo</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CN}$ $\text{C}_9\text{H}_9\text{NO}_2$ $M = 163,18 \text{ g/mol}$	WG. 2927	10 g	20,75	17,65	16,60	15,
62516 A 6.1/21A C 6.1 2811 1	3,4-Dimethoxybenzonitrile PROSYNTH® <i>3-4-Diméthoxybenzonitrile / 3,4-Dimetoxibenzonitrilo</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CN}$ $\text{C}_9\text{H}_9\text{NO}_2$ $M = 163,18 \text{ g/mol}$	2927					
	3,4-Dimethoxybenzyl cyanide see Veratryl cyanide	WG.	10 g	18,—	15,30	14,40	13,




de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3826	trans-2,4-Dimethoxycinnamic acid PROSYNTH® <i>Acide trans-2-4-diméthoxycinnamique / Acido trans-2,4-dimetoxicinámico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CH}=\text{CHCOOH}$ $\text{C}_{11}\text{H}_{12}\text{O}_4$ $M=208,21$ g/mol assay (alkalimetric) 98% melting range 187-189 °C	WG. 2916	5 g	27,25	23,15	21,80	20,45
3428	trans-3,4-Dimethoxycinnamic acid PROSYNTH® <i>Acide trans-3-4-diméthoxycinnamique / Acido trans-3,4-dimetoxicinámico</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CH}=\text{CHCOOH}$ $\text{C}_{11}\text{H}_{12}\text{O}_4$ $M=208,21$ g/mol assay (alkalimetric) 98% melting range 180-182 °C	WG. 2916	10 g	33,25	28,25	26,60	24,95
0306	1,2-Dimethoxyethane PROSYNTH® <i>1-2-Diméthoxyéthane / 1,2-Dimetoxietano</i> $\text{CH}_3\text{OCH}_2\text{CH}_2\text{OCH}_3$ $\text{C}_4\text{H}_{10}\text{O}_2$ $M=90,12$ g/mol $1\text{ L} \approx 0,87$ kg assay (GC) 99% boiling range 84-86 °C refractive index (n_D^{20}) 1,378	FL. FL. EKL. 2908	500 ml 2,5 L 25 kg	35,50 141,— price on request	30,20 117,05	28,40 110,—	27,35 105,75
3/1A							
3.2 2252 2							
- 1°C							
	  R: 11-19-20 S: 9-16-33 disposal: 6						
	2,2-Dimethoxyethylamine see Aminoacetaldehyde dimethyl acetal						
	5,8-Dimethoxy-2-methyl-(furano-3',2',6,7-chromone) see Khellin						
	1,2-Dimethoxy-4-nitrobenzene see 4-Nitroveratrole						
	Dimethoxy-α-oxotoluene see Dimethoxybenzaldehyde						
	3,4-Dimethoxyphenethylamine see Homoveratrylamine						
64982	2,3-Dimethoxyphenol PROSYNTH® <i>2-3-Diméthoxyphénol / 2,3-Dimetoxifenol</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{OH}$ $\text{C}_8\text{H}_{10}\text{O}_3$ $M=154,17$ g/mol $1\text{ L} \approx 1,18$ kg assay (GC) 98% boiling range (bei 23 mbar) 123-125 °C refractive index (n_D^{20}) 1,540	FL. 2908	5 ml	43,75	37,20	35,—	32,80
	 R: 20/21/22 S: 28 disposal: 6						
64048	2,6-Dimethoxyphenol PROSYNTH® <i>2-6-Diméthoxyphénol / 2,6-Dimetoxifenol</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{OH}$ $\text{C}_8\text{H}_{10}\text{O}_3$ $M=154,17$ g/mol assay (GC) 99% melting range 54-56 °C	WG. 2908	10 g	38,25	32,50	30,60	28,70
A 6.1/13C							
C 6.1 2811 2							
	 R: 20/21/22 S: 28 disposal: 6						
64983	3,5-Dimethoxyphenol PROSYNTH® <i>3-5-Diméthoxyphénol / 3,5-Dimetoxifenol</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{OH}$ $\text{C}_8\text{H}_{10}\text{O}_3$ $M=154,17$ g/mol assay (GC) 99% melting range 40-43 °C	WG. 2908	10 g	31,—	26,35	24,80	23,25
A 6.1/22							
C 6.1 2811 2							
	 R: 20/21/22 S: 28 disposal: 6						





Code-Number
A) RID/ADR
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C) IMDG-CODE (GGVSee)



Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (10 Boxes)

60144	3,4-Dimethoxyphenylacetic acid PROSYNTH® <i>Acide 3-4-diméthoxyphénylacétique / Acido 3,4-dimetoxifenilacético</i> <chem>Cc1cc(OC)c(C(=O)O)cc1</chem> <chem>C10H12O4</chem> $M = 196,20$ g/mol assay (alkalimetric) 98% melting range 94–96 °C	PF. 2916	100 g	39,25	33,35	31,40	29,80
	2,2-Dimethoxy-1-phenylethane see Phenylacetaldehyde dimethyl acetal						
62517 A 3/1A C 3.2 1993 2 -10 °C	2,2-Dimethoxypropane PROSYNTH® <i>2-2-Diméthoxypropane / 2,2-Dimetoxipropano</i> <chem>CC(C)(OC)OC</chem> <chem>C5H12O2</chem> $M = 104,15$ g/mol 1 L ≈ 0,85 kg assay (GC) 98% boiling range 81–83 °C refractive index (n_D^{20}) 1,375	FL. 2910	1 L	48,75	41,45	39,—	37,80
	 R: 11 S: 7-16 disposal: 6						
	2,3-Dimethoxystyrychnine see Brucine						
	2,3-Dimethoxystyrychnine sulphate see Brucine sulphate						
62518 A 3/3 C 3.3 1993 2 +38 °C	cis,trans-2,5-Dimethoxytetrahydrofuran PROSYNTH® <i>cis,trans-2-5-Diméthoxytétrahydrofuranne / cis,trans-2,5-Dimetoxitetrahidrofurano</i> <chem>COC1C=CC(OC)CO1</chem> <chem>C6H12O3</chem> $M = 132,16$ g/mol 1 L ≈ 1,03 kg assay (GC) 98%	FL. 2935	100 ml	44,75	38,05	35,80	33,80
	R: 10 disposal: 6						
	1,4-Dimethyl-7-iso-propylazulene see Guaiazulene						
60145 +77 °C	N,N-Dimethylacetamide PROSYNTH® <i>N-N-Diméthylacétamide / N,N-Dimetilacetamida</i> <chem>CC(C)=O</chem> <chem>C4H9NO</chem> $M = 87,12$ g/mol 1 L ≈ 0,94 kg assay (GC) 99% boiling range 164–166 °C refractive index (n_D^{20}) 1,438	FL. FL. 2925	500 ml 2,5 L	16,25 62,50	13,80 51,90	13,— 48,75	12,80 46,80
	 R: 20/21-36 S: 26-28-36 disposal: 6						
64539 A 3/1A C 3.2 1993 2 +9 °C	N,N-Dimethylacetamide dimethyl acetal PROSYNTH® , stabilized with 5–10% methanol <i>N,N-Diméthylacétamide diméthylacétal / N,N-Dimetilacetamida dimetilacetal</i> <chem>CC(C)(OC)OC</chem> <chem>C6H15NO2</chem> $M = 133,19$ g/mol 1 L ≈ 0,91 kg assay 95% refractive index (n_D^{20}) 1,412	FL. 2910	25 ml	83,—	70,55	66,40	62,80
	 R: 11 S: 9-16-33 disposal: 6						
62007 A 3/4 +63 °C	Dimethyl acetonedicarboxylate PROSYNTH® <i>Diméthyle acétonedicarboxylate / Dimetilo acetondicarboxilato</i> <chem>CC(=O)OC(=O)C(=O)OC(=O)C</chem> <chem>C7H10O5</chem> $M = 174,15$ g/mol 1 L ≈ 1,19 kg assay (alkalimetric) 98% boiling range (at 16 mbar) 126–128 °C refractive index (n_D^{20}) 1,445	FL. 2916	100 ml	62,50	53,15	50,—	46,80

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
0012	Dimethyl acetylenedicarboxylate PROSYNTH® <i>Diméthyle acétylènedicarboxylate / Dimetilo acetilenodicarboxilato</i> $\text{CH}_3\text{OCOC}\equiv\text{CCOOCH}_3$ $\text{C}_6\text{H}_6\text{O}_4$ $M=142,11$ g/mol $1\text{ L} \approx 1,16$ kg assay (GC) 97% boiling range 195–198 °C refractive index (n_D^{20}) 1,447	FL. 2915	100 ml	159,—	135,15	127,20	119,25
0426	2,4-Dimethyl-5-acetylthiazole PROSYNTH® <i>2-4-Diméthyl-5-acétylthiazole / 2,4-Dimetil-5-acetiltiazol</i> $\text{SC}(\text{CH}_3)=\text{NC}(\text{CH}_3)=\text{C}(\text{COCH}_3)$ $\text{C}_7\text{H}_9\text{NOS}$ $M=155,22$ g/mol $1\text{ L} \approx 1,13$ kg assay (GC) 98%	FL. 2935	25 ml	price on request			
3,3-Dimethylacrylic acid see 3-Methyl-2-butenic acid							
N,N-Dimethyladenine see 6-Dimethylaminopurine							
5916	Dimethylamine solution abt. 60% <i>Diméthylamine en solution / Dimetilamina en solución</i> $(\text{CH}_3)_2\text{NH}$ $\text{C}_2\text{H}_7\text{N}$ $M=45,08$ g/mol $1\text{ L} \approx 0,80$ kg	FL. STP. F. 2922	1 L 20 kg 160 kg	20,75	17,65	16,60	16,—
3/5				price on request			
3.2 1160 2				price on request			
-0 °C							
	  R: 13-36/37 S: 16-26-29 disposal: 19						
5435	Dimethylamine solution abt. 40% <i>Diméthylamine en solution / Dimetilamina en solución</i> $(\text{CH}_3)_2\text{NH}$ $\text{C}_2\text{H}_7\text{N}$ $M=45,08$ g/mol $1\text{ L} \approx 0,89$ kg	FL. EKL. 2922	1 L 25 kg	16,—	13,60	12,80	12,30
3/5				price on request			
3.2 1160 2							
9 °C							
	  R: 13-36/37 S: 16-26-29 disposal: 19						
33129	4-Dimethylaminoazobenzene indicator, Reag. Ph. Eur. I (C. I. No. 11020, S. No. 28) <i>4-Diméthylaminoazobenzène / 4-Dimetilaminoazobenceno</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{NNC}_6\text{H}_5$ $\text{C}_{14}\text{H}_{15}\text{N}_3$ $M=225,30$ g/mol	WG. WG. 2928	25 g 100 g	14,— 38,25	11,90 32,50	11,20 30,60	10,50 28,70
33130	4-Dimethylaminobenzaldehyde R. G., Reag. ACS, Reag. Ph. Eur. I <i>4-Diméthylaminobenzaldéhyde / 4-Dimetilaminobenzaldehido</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$ $\text{C}_9\text{H}_{11}\text{NO}$ $M=149,19$ g/mol assay (perchloric acid titration) min. 99% melting range 73–75 °C loss on drying max. 0,5% sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%	PF. PF. PF. 2923	25 g 100 g 1 kg	14,— 40,75 308,—	11,90 34,65 261,80	11,20 32,60 246,40	10,50 30,55 237,15
33169	4-Dimethylaminobenzaldehyde spray reagent for chromatography <i>4-Diméthylaminobenzaldéhyde / 4-Dimetilaminobenzaldehido</i> spray box of 330 ml R: 10	3819	1 pack	19,75	16,80	15,80	14,80
2/10B2							
3.3 1950							
-54 °C							
60146	4-Dimethylaminobenzaldehyde PROSYNTH® <i>4-Diméthylaminobenzaldéhyde / 4-Dimetilaminobenzaldehido</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CHO}$ $\text{C}_9\text{H}_{11}\text{NO}$ $M=149,19$ g/mol assay (GC) 99% melting range 73–74 °C	PF. PF. 2923	50 g 250 g	13,25 53,50	11,25 45,50	10,60 42,80	9,95 40,15
Dimethylaminobenzene see Dimethylaniline							






Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	9 (16 B)
63430	3-Dimethylaminobenzoic acid PROSYNTH® <i>Acide 3-diméthylaminobenzoïque / Acido 3-dimetilaminobenzoico</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{COOH}$ $\text{C}_9\text{H}_{11}\text{NO}_2$ $M = 165,19$ g/mol assay (alkalimetric) 99% melting range 151–153 °C	WG. 2923	100 g	40,50	34,45	32,40	30
64049	4-Dimethylaminobenzoic acid PROSYNTH® <i>Acide 4-diméthylaminobenzoïque / Acido 4-dimetilaminobenzoico</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{COOH}$ $\text{C}_9\text{H}_{11}\text{NO}_2$ $M = 165,19$ g/mol assay (alkalimetric) 98% melting range 240–243 °C (disint.)	WG. 2923	50 g	28,50	24,25	22,80	21
63431 A 6.1/21 C 6.1 1935 1	4-Dimethylaminobenzonitrile PROSYNTH® <i>4-Diméthylaminobenzonitrile / 4-Dimetilaminobenzonitrilo</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CN}$ $\text{C}_9\text{H}_{10}\text{N}_2$ $M = 146,19$ g/mol assay (GC) 98% melting range 72–74 °C <div>  R: 20/21/22 S: 28 disposal: 15 </div>	WG. 2927	5 g	32,75	27,85	26,20	24
33132	5-(4-Dimethylaminobenzylidene)-rhodanine R. G. <i>5-(4-Diméthylaminobenzylidène)-rhodanine / 5-(4-Dimetilaminobenciliden)-rodanina</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CH}=\text{C}(\text{CONHCS})_2$ $\text{C}_{12}\text{H}_{12}\text{N}_2\text{OS}_2$ $M = 264,37$ g/mol insoluble in acetone passes test sulphated ash max. 0,1% suitability for determination of silver passes test	WG. 2935	5 g	12,75	10,85	10,20	9
33182	4-Dimethylaminocinnamic aldehyde R. G. <i>Aldéhyde 4-diméthylaminocinnamique / Aldehído 4-dimetilaminocinámico</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CH}=\text{CHCHO}$ $\text{C}_{11}\text{H}_{13}\text{NO}$ $M = 175,23$ g/mol	WG. 2911	5 g	40,50	34,45	32,40	30
20009	4-Dimethylamino-2,3-dimethyl-1-phenylpyrazolone-(5) DAB 7 <i>4-Diméthylamino-2-3-diméthyl-1-phénylpyrazolone-(5) / 4-Dimetilamino-2,3-dimetil-1-fenilpirazolona-(5)</i> $\text{C}_{13}\text{H}_{17}\text{N}_3\text{O}$ $M = 231,30$ g/mol	PF. 2935	250 g	17,50	14,90	14,—	13
63432	2-Dimethylaminoethanethiol hydrochloride PROSYNTH® <i>2-Diméthylaminoéthanethiole chlorhydrate / 2-Dimetilaminoetantiole cloridrato</i> $(\text{CH}_3)_2\text{NCH}_2\text{CH}_2\text{SH} \cdot \text{HCl}$ $\text{C}_4\text{H}_{12}\text{ClNS}$ $M = 141,66$ g/mol assay (iodometric) 96% melting range 157–160 °C	WG. 2931	25 g	53,—	45,05	42,40	39
Dimethyl-(2-aminoethyl)amine see N,N-Dimethylethylenediamine							
62752 A 3/4 +64 °C	2-Dimethylaminoethyl methacrylate PROSYNTH® stabilized with hydroquinone monomethyl ether (2 g/l) <i>2-Diméthylaminoéthyle méthacrylate / 2-Dimetilaminoetilo metacrilato</i> $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}_2\text{N}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{15}\text{NO}_2$ $M = 157,21$ g/mol 1 L ≈ 0,94 kg assay (GC) 98% boiling range 188–190 °C refractive index (n_D^{20}) 1,439 <div>  R: 21/22-36/38 S: 26-28 disposal: 6 </div>	FL. 2923	250 ml	24,—	20,40	19,20	18




de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2520	3-(Dimethylaminomethyl)indole PROSYNTH® <i>3-(Diméthylaminométhyl)indole /</i> <i>3-(Dimetilaminometil)indol</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{N}(\text{CH}_3)_2$ $\text{C}_{11}\text{H}_{14}\text{N}_2$ $M = 174,25$ g/mol assay (ex N) 99% melting range 132–134 °C	WG. 2935	25 g	16,50	14,05	13,20	12,40
3433 3.3 1987 2 57 °C	2-Dimethylamino-2-methylpropanol-(1) PROSYNTH® <i>2-Diméthylamino-2-méthylpropanol-(1) / 2-Dimetilamino-2-metilpropanol-(1)</i> $(\text{CH}_3)_2\text{NC}(\text{CH}_3)_2\text{CH}_2\text{OH}$ $\text{C}_6\text{H}_{15}\text{NO}$ $M = 117,19$ g/mol $1 \text{ L} \approx 0,91$ kg assay (ex N) 96%	FL. 2923	100 ml	23,—	19,55	18,40	17,25
3186	5-Dimethylaminonaphthalenesulphonyl-1-chloride (DANSYL-chloride) <i>Acide 5-diméthylaminonaphtalènesulfonique-1-chlorure (DANSYL-chlorure) / Acido 5-dimetilaminaftalinsulfónico-1-cloruro (DANSYL-cloruro)</i> $(\text{CH}_3)_2\text{NC}_{10}\text{H}_6\text{SO}_2\text{Cl}$ $\text{C}_{12}\text{H}_{12}\text{ClNO}_2\text{S}$ $M = 269,75$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2922	1 g	45,—	38,25	36,—	33,75
4540	3-(Dimethylamino) phenol PROSYNTH® <i>Diméthylamino-3-phénol / 3-(Dimetilamino) fenol</i> $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{OH}$ $\text{C}_8\text{H}_{11}\text{NO}$ $M = 137,18$ g/mol assay (GC) 98% melting range 81–83 °C <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">X</div> <div> R: 20/21/22 S: 28 disposal: 19 </div> </div>	WG. 2923	100 g	30,25	25,70	24,20	22,70
	4-(4'-Dimethylaminophenylazo)-benzene-1-sulphonic acid sodium salt see Methyl orange 2-(4'-Dimethylaminophenylazo)-benzoic acid see Methyl red 2-(4'-Dimethylaminophenylazo)-benzoic acid sodium salt see Methyl red sodium salt						
22070	4-Dimethylamino-1-phenyl-2,3-dimethyl- pyrazolone-(5) + 8-Hydroxyquinoline-5-sulphonic acid <i>4-Diméthylamino-1-phényl-2-3-diméthyl- pyrazolone-(5) + acide 8-hydroxyquinoléine sulfonique-(5) / 4-Dimetilamino-1-fenil-2,3-dimetil- pirazolona-(5) + acido 8-hidroxiquinolinasulfónico-(5)</i>	WG. FTP. 3003	1 kg 50 kg	66,— price on request	56,10	52,80	50,80
15451 A 8/35 C 3.3 1993 2 - 26 °C	1-Dimethylaminopropanol-(2) <i>1-Diméthylaminopropanol-(2) / 1-Dimetilaminopropanol-(2)</i> $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{N}(\text{CH}_3)_2$ $\text{C}_5\text{H}_{13}\text{NO}$ $M = 103,16$ g/mol $1 \text{ L} \approx 0,85$ kg assay (GC) 99% boiling range 123–126 °C density (D_4^{20}) 0,849–0,852	FL. 2923	1 L	38,25	32,50	30,60	29,45
62521 A 8/35 C 3.3 1993 2 +41 °C	3-Dimethylaminopropanol-(1) PROSYNTH® <i>3-Diméthylaminopropanol-(1) / 3-Dimetilaminopropanol-(1)</i> $(\text{CH}_3)_2\text{N}(\text{CH}_2)_3\text{OH}$ $\text{C}_5\text{H}_{13}\text{NO}$ $M = 103,16$ g/mol $1 \text{ L} \approx 0,88$ kg assay (GC) 98% boiling range 162–164 °C refractive index (n_D^{20}) 1,436 <div style="margin-top: 10px;">R: 10 disposal: 6</div>	FL. 2923	100 ml	22,—	18,70	17,60	16,50



Code-Number
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Type of package
B.T.N.



Price per package DM
1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes)



3-Dimethylaminopropionic acid nitrile see 3-Dimethylaminopropionitrile						
62522	3-Dimethylaminopropionitrile PROSYNTH®	FL.	1 L	74,—	62,90	59,20 57
A 6.1/11A	3-Diméthylaminopropionitrile / 3-Dimetilaminopropionitrilo	2927				
C 6.1 1935 1	(CH ₃) ₂ NCH ₂ CH ₂ CN					
+64 °C	C ₅ H ₁₀ N ₂ M = 98,15 g/mol 1 L ≈ 0,87 kg					
	assay (GC) 98%					
	boiling range (at 13 mbar) 59—62 °C					
	refractive index (n _D ²⁰) 1,426					
	 R: 23/24/25 S: 44 disposal: 15					
15503	3-Dimethylaminopropylamine	FL.	1 L	25,75	21,90	20,60 19
A 8/35	3-Diméthylaminopropylamine / 3-Dimetilaminopropilamina	STP.	45 kg	price on request		
C 3.3 1993 2	(CH ₃) ₂ N(CH ₂) ₃ NH ₂	2922				
+32 °C	C ₅ H ₁₄ N ₂ M = 102,18 g/mol 1 L ≈ 0,82 kg					
	assay (GC) 99%					
	 R: 36/37/38 S: 26 disposal: 19					
39351	6-Dimethylaminopurine BIOSYNTH® (N,N-Dimethyladenine)	2935	1 pack	59,—	50,15	47,20 44
	6-Diméthylaminopurine / 6-Dimetilaminopurina					
	package of 500 mg					
	C ₇ H ₉ N ₅ M = 163,18 g/mol					
64541	4-(Dimethylamino)-pyridine PROSYNTH®	WG.	10 g	27,25	23,15	21,80 20
	Diméthylamino-4-pyridine / 4-(Dimetilamino)-piridina	2935				
	(CH ₃) ₂ N—C ₅ H ₄ —N					
	C ₇ H ₁₀ N ₂ M = 122,17 g/mol					
	assay (GC) 98%					
	melting range 110—113 °C					
	2-[4-(Dimethylamino)-styrene]-ethylcholine iodide see Quinaldine red					
15439	N,N-Dimethylaniline	FL.	500 ml	10,25	8,70	8,20 7
A 6.1/21P	N,N-Diméthylaniline / N,N-Dimetilanilina	FL.	1 L	17,50	14,90	14,— 13
C 6.1 2253 2	C ₆ H ₅ N(CH ₃) ₂	EKS.	35 kg	price on request		
	C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,95 kg	F.	190 kg	price on request		
	assay (GC) 99,5%	2922				
	boiling range 191—194 °C					
	density (D ₄ ²⁰) 0,955—0,957					
	refractive index (n _D ²⁰) 1,5570—1,5590					
	 R: 23/24/25-33 S: 28-37-44 disposal: 19					
63881	2,3-Dimethylaniline PROSYNTH®	FL.	250 ml	29,75	25,30	23,80 22
A 6.1/21P	2-3-Diméthylaniline / 2,3-Dimetilanilina	2922				
C 6.1 2810 2	(CH ₃) ₂ C ₆ H ₃ NH ₂					
	C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,99 kg					
	assay (GC) 99%					
	boiling range (at 11 mbar) 93—95 °C					
	refractive index (n _D ²⁰) 1,568					
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 19					
63934	2,4-Dimethylaniline PROSYNTH®	FL.	1 L	52,50	44,65	42,— 40
A 6.1/21P	2-4-Diméthylaniline / 2,4-Dimetilanilina	2922				
C 6.1 2810 2	(CH ₃) ₂ C ₆ H ₃ NH ₂					
	C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,98 kg					
	assay (GC) 99%					
	boiling range (at 8 mbar) 78—80 °C					
	refractive index (n _D ²⁰) 1,558					
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 19					

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
2935	2,5-Dimethylaniline PROSYNTH® 2-5-Diméthylaniline / 2,5-Dimetilanilina (CH ₃) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,97 kg assay (GC) 99% boiling range 213–215 °C refractive index (n _D ²⁰) 1,559  R: 23/24/25-33 S: 28-36/37-44 disposal: 19	FL. 2922	250 ml	22,—	18,70	17,60	16,50
2936	2,6-Dimethylaniline PROSYNTH® 2-6-Diméthylaniline / 2,6-Dimetilanilina (CH ₃) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,98 kg assay (GC) 99% boiling range (at 11 mbar) 83–85 °C refractive index (n _D ²⁰) 1,560  R: 23/24/25-33 S: 28-36/37-44 disposal: 19	FL. 2922	1 L	95,50	81,20	76,40	73,55
2937	3,4-Dimethylaniline PROSYNTH® 3-4-Diméthylaniline / 3,4-Dimetilanilina (CH ₃) ₂ C ₆ H ₃ NH ₂ C ₈ H ₁₁ N M = 121,18 g/mol assay (GC) 99% melting range 48–50 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 19	PF. 2922	250 g	30,75	26,15	24,60	23,05
Dimethylbenzene see Xylene							
2524	5,6-Dimethylbenzimidazole PROSYNTH® 5-6-Diméthylbenzimidazole / 5,6-Dimetilbenzimidazol (CH ₃) ₂ C ₆ H ₂ N = CHNH C ₉ H ₁₀ N ₂ M = 146,19 g/mol assay 99% melting range 204–206 °C	WG. 2935	10 g	12,—	10,20	9,60	9,—
2987	2,4-Dimethylbenzoic acid PROSYNTH® Acide 2-4-diméthylbenzoïque / Acido 2,4-dimetilbenzoico (CH ₃) ₂ C ₆ H ₃ COOH C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (alkalimetric) 98% melting range 124–126 °C	WG. 2914	10 g	30,—	25,50	24,—	22,50
2988	3,4-Dimethylbenzoic acid PROSYNTH® Acide 3-4-diméthylbenzoïque / Acido 3,4-dimetilbenzoico (CH ₃) ₂ C ₆ H ₃ COOH C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (alkalimetric) 97% melting range 163–165 °C	WG. 2914	25 g	29,75	25,30	23,80	22,30
2934	3,5-Dimethylbenzoic acid PROSYNTH® Acide 3-5-diméthylbenzoïque / Acido 3,5-dimetilbenzoico (CH ₃) ₂ C ₆ H ₃ COOH C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (alkalimetric) 98% melting range 167–170 °C	WG. 2914	10 g	23,—	19,55	18,40	17,25
24053	2,5-Dimethylbenzophenone PROSYNTH® 2-5-Diméthylbenzophénone / 2,5-Dimetilbenzofenona (CH ₃) ₂ C ₆ H ₃ COC ₆ H ₅ C ₁₅ H ₁₄ O M = 210,28 g/mol assay (GC) 98% melting range 32–34 °C	FL. 2913	100 g	38,25	32,50	30,60	28,70

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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
64054	3,4-Dimethylbenzophenone PROSYNTH® <i>3-4-Diméthylbenzophénone / 3,4-Dimetilbenzofenona</i> $(CH_3)_2C_6H_3COC_6H_5$ $C_{15}H_{14}O$ $M = 210,28$ g/mol assay (GC) 98% melting range 45–47 °C N,N-Dimethylbenzylamine see N-Benzyl dimethylamine	WG. 2913	100 g	60,—	51,—	48,—	45,—
60328	1,1-Dimethylbiguanide hydrochloride PROSYNTH® <i>1-1-Diméthylbiguanide chlorhydrate / 1,1-Dimetilbiguanida clorhidrato</i> $(CH_3)_2NC(NH)NHC(NH)NH_2 \cdot HCl$ $C_4H_{12}ClN_5$ $M = 165,63$ g/mol assay (ex Cl) 98% melting range 221–223 °C	WG. 2926	100 g	16,50	14,05	13,20	12,—
64527	Dimethyl biphenyl-4,4'-dicarboxylate PROSYNTH® <i>Diméthyl biphényl-4-4'-dicarboxylate / Dimetil bifenil-4,4-dicarboxilato</i> $CH_3OCOC_6H_4C_6H_4COOCH_3$ $C_{16}H_{14}O_4$ $M = 270,28$ g/mol assay (GC) 97% melting range 214–217 °C 1,1'-Dimethyl-4,4'-bipyridinium dichloride see Methyl viologen	WG. 2915	5 g	37,25	31,65	29,80	27,—
64350	Dimethyl bromomalonate PROSYNTH® <i>Diméthyle bromomalonate / Dimetilo bromomalonato</i> $BrCH(COOCH_3)_2$ $C_5H_7BrO_4$ $M = 211,01$ g/mol $1 L \approx 1,64$ kg assay (GC) 98% boiling range (at 15 mbar) 105–108 °C	FL. 2915	25 ml	42,75	36,35	34,20	32,—
63827	2,2-Dimethylbutane PROSYNTH® <i>2-2-Diméthylbutane / 2,2-Dimetilbutano</i> $C_2H_5C(CH_3)_3$ C_6H_{14} $M = 86,18$ g/mol $1 L \approx 0,65$ kg assay (GC) 96% boiling range 48–50 °C refractive index (n_D^{20}) 1,369  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	28,50	24,25	22,80	21,—
63435	2,3-Dimethylbutane PROSYNTH® <i>2-3-Diméthylbutane / 2,3-Dimetilbutano</i> $(CH_3)_2CHCH(CH_3)_2$ C_6H_{14} $M = 86,18$ g/mol $1 L \approx 0,66$ kg assay (GC) 98% boiling range 58–60 °C refractive index (n_D^{20}) 1,375  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	45,25	38,45	36,20	33,—
62525	2,3-Dimethylbutanediol-(2,3) PROSYNTH® <i>2-3-Diméthylbutanediol-(2-3) / 2,3-Dimetilbutanodiol-(2,3)</i> $HOC(CH_3)_2C(CH_3)_2OH$ $C_6H_{14}O_2$ $M = 118,18$ g/mol assay (GC) 98% melting range 39–42 °C 2,2-Dimethylbutanoic-4 acid see 3,3-Dimethylbutyric acid	FL. 2904	1 kg	249,—	211,65	199,20	191,—

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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
436	2,3-Dimethylbutanol-(2) PROSYNTH® 2-3-Diméthylbutanol-(2) / 2,3-Dimetilbutanol-(2) (CH ₃) ₂ CHC(CH ₃) ₂ OH C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,82 kg assay (GC) 95% refractive index (n _D ²⁰) 1,418 R: 10 disposal: 6	FL. 2904	25 ml	65,—	55,25	52,—	48,75
467	2,3-Dimethyl-2-butene PROSYNTH® 2-3-Diméthyl-2-butène / 2,3-Dimetil-2-buteno-(2) CH ₃ C(CH ₃) = C(CH ₃)CH ₃ C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,71 kg assay (GC) 98% boiling range 72—74 °C refractive index (n _D ²⁰) 1,412  R: 11 S: 9-16-33 disposal: 6	FL. 2901	50 ml	102,50	87,15	82,—	76,90
4973	3,3-Dimethyl-1-butene PROSYNTH® 3-3-Diméthyl-1-butène / 3,3-Dimetil-1-buteno (CH ₃) ₃ CCH = CH ₂ C ₆ H ₁₂ M = 84,16 g/mol 1 L ≈ 0,65 kg assay (GC) 97% boiling range 39—41 °C refractive index (n _D ²⁰) 1,377  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	39,25	33,35	31,40	29,45
5256	3,3-Dimethylbutyric acid PROSYNTH® Acide diméthyl-3-3-butyrique / Acido 3,3-dimetilbutírico (CH ₃) ₃ CCH ₂ COOH C ₆ H ₁₂ O ₂ M = 116,16 g/mol 1 L ≈ 0,91 kg assay (alkalimetric) 99% boiling range 186—189 °C refractive index (n _D ²⁰) 1,410	FL. 2914	25 ml	26,75	22,75	21,40	20,05
60392	Dimethylcarbamoyl chloride PROSYNTH® Diméthylcarbamoyle chlorure / Dimetilcarbamoilo cloruro (CH ₃) ₂ NCOCI C ₃ H ₆ ClNO M = 107,54 g/mol 1 L ≈ 1,17 kg assay (ex Cl) 99% boiling range (at 15 mbar) 55—57 °C refractive index (n _D ²⁰) 1,454  R: 23/24/25 S: 44 disposal: 7	FL. 2914	100 ml	16,50	14,05	13,20	12,40
62527	Dimethyl carbonate PROSYNTH® Diméthyle carbonate / Dimetilo carbonato (CH ₃ O) ₂ CO C ₃ H ₆ O ₃ M = 90,08 g/mol 1 L ≈ 1,07 kg assay (GC) 99% boiling range 89—91 °C refractive index (n _D ²⁰) 1,369   R: 11-20/21/22 S: 9-29 disposal: 6	FL. 2921	1 L	59,—	50,15	47,20	45,45
63828	cis,trans-1,2-Dimethylcyclohexane PROSYNTH® cis, trans-Diméthyl-1-2-cyclohexane / cis, trans-1,2-Dimetilciclohexano C ₈ H ₁₆ M = 112,21 g/mol 1 L ≈ 0,78 kg assay (GC) 99%  R: 11 S: 9-16-33 disposal: 6	FL. 2901	250 ml	56,50	48,05	45,20	42,40






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63829	cis,trans-1,3-Dimethylcyclohexane PROSYNTH® A 3/1A <i>cis, trans-Diméthyl-1-3-cyclohexane / cis, trans-1,3-Dimetilciclohexano</i> C 3.2 2263 2 +8°C <chem>C6H10(CH3)2</chem> C ₈ H ₁₆ M = 112,21 g/mol 1 L ≈ 0,77 kg assay (GC) 95% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 6	FL. 2901	250 ml	29,50	25,10	23,60	22,10
63830	cis,trans-1,4-Dimethylcyclohexane PROSYNTH® A 3/1A <i>cis,trans-Diméthyl-1-4-cyclohexane / cis, trans-1,4-Dimetilciclohexano</i> C 3.2 2263 2 +5°C <chem>C6H10(CH3)2</chem> C ₈ H ₁₆ M = 112,21 g/mol 1 L ≈ 0,78 kg assay (GC) 99%  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	24,75	21,05	19,80	18,10
5,5-Dimethylcyclohexanedione-(1,3) see Dimedone							
63831	2,3-Dimethylcyclohexanol mixture of stereoisomers PROSYNTH® A 3/4 <i>Diméthyl-2-3-cyclohexanol / 2,3-Dimetilciclohexanol</i> <chem>(CH3)2C6H9OH</chem> C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,93 kg assay (GC) 99%	FL. 2905	25 ml	27,25	23,15	21,80	20,10
63832	2,4-Dimethylcyclohexanol mixture of stereoisomers PROSYNTH® A 3/4 <i>Diméthyl-2-4-cyclohexanol / 2,4-Dimetilciclohexanol</i> <chem>(CH3)2C6H9OH</chem> C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,90 kg assay (GC) 95%	FL. 2905	25 ml	27,—	22,95	21,60	20,10
62530	2,6-Dimethylcyclohexanol mixture of stereoisomers PROSYNTH® A 3/4 <i>Diméthyl-2-6-cyclohexanol / 2,6-Dimetilciclohexanol</i> <chem>(CH3)2C6H9OH</chem> C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,94 kg assay (GC) 99%	FL. 2905	100 ml	71,—	60,35	56,80	53,10
63834	3,4-Dimethylcyclohexanol mixture of stereoisomers PROSYNTH® A 3/4 <i>Diméthyl-3-4-cyclohexanol / 3,4-Dimetilciclohexanol</i> <chem>(CH3)2C6H9OH</chem> C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,92 kg assay (GC) 98%	FL. 2905	100 ml	27,25	23,15	21,80	20,10
63835	3,5-Dimethylcyclohexanol mixture of stereoisomers PROSYNTH® A 3/4 <i>Diméthyl-3-5-cyclohexanol / 3,5-Dimetilciclohexanol</i> <chem>(CH3)2C6H9OH</chem> C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,90 kg assay (GC) 99%	FL. 2905	25 ml	25,25	21,45	20,20	18,10
65136	2,6-Dimethylcyclohexanone mixture of isomers PROSYNTH® A 3/3 <i>Diméthyl-2-6-cyclohexanone / 2,6-Dimetilciclohexanona</i> C 3.3 1224 2 +38°C <chem>OCCH(CH3)(CH2)3CHCH3</chem> C ₈ H ₁₄ O M = 126,20 g/mol 1 L ≈ 0,91 kg assay (GC) 98% boiling range 174—176 °C refractive index (n _D ²⁰) 1,446 R: 10 disposal: 6	FL. 2913	50 ml	42,—	35,70	33,60	31,10





de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)			Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
						(1 Box)	(4 Boxes)	(16 Boxes)
504	N,N-Dimethylcyclohexylamine		FL.	1 L	26,—	22,10	20,80	20,—
8/35	<i>N-N-Diméthylcyclohexylamine / N,N-Dimetilciclohexilamina</i>		EKL.	25 kg	price on request			
8 2264 2	C ₈ H ₁₇ N(CH ₃) ₂		F.	180 kg	price on request			
+43 °C	C ₈ H ₁₇ N M = 127,23 g/mol 1 L ≈ 0,85 kg		2922					
	assay (GC) 99%							
	boiling range 162—165 °C							
	density (D ₄ ²⁰) 0,845—0,850							
	refractive index (n _D ²⁰) 1,4540—1,4550							
	 R: 10-36/37/38 S: 28 disposal: 19							
	1,1'-Dimethyl-1,1'-dicyanazoethane see							
	α,α'-Azo-iso-butyronitrile							
	Dimethyldiglycol see Diethylen glycol dimethyl ether							
	Dimethyldigol see Diethylene glycol dimethyl ether							
	5,5-Dimethyldihydroresorcinol see Dimedone							
5175	Dimethyl 2,5-dioxo-1,4-cyclohexanedicarboxylate		WG.	100 g	38,25	32,50	30,60	28,70
	PROSYNTH® (Dimethylsuccinylsuccinate)		2915					
	<i>Diméthyl 2-5-dioxo-1-4-cyclohexanedicarboxylate /</i>							
	<i>Dimetilo 2,5-dioxo-1,4-ciclohexanodicarboxilato</i>							
	CH ₃ OOCC = (OH)CH ₂ C(COOCH ₃) = C(OH)CH ₂							
	C ₁₀ H ₁₂ O ₆ M = 228,20 g/mol							
	assay 97%							
	melting range 155—157 °C							
	2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline							
	see Bathocuproin							
	2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline disulphonic							
	acid disodium salt see Bathocuproin disulphonic acid							
	disodium salt							
52531	Dimethyl disulphide PROSYNTH®		FL.	1 L	55,50	47,20	44,40	42,75
A 3/1A	<i>Diméthyle disulfure / Dimetilo disulfuro</i>		2931					
C 3.2 2381 2	CH ₃ SSCH ₃							
+15 °C	C ₂ H ₆ S ₂ M = 94,20 g/mol 1 L ≈ 1,06 kg							
	assay (GC) 98%							
	boiling range 108—110 °C							
	refractive index (n _D ²⁰) 1,526							
15084	Dimethyldodecylethylammonium bromide		FL.	1 L	price on request			
	<i>Diméthyldodécyléthylammonium bromure /</i>		2931					
	<i>Dimetildodeciletilamonio bromuro</i>							
	[CH ₃ (CH ₂) ₁₁ N ⁺ (C ₂ H ₅)(CH ₃) ₂] Br ⁻							
	C ₁₆ H ₃₆ BrN M = 322,37 g/mol							
15448	N,N-Dimethylethanolamine		FL.	1 L	27,25	23,15	21,80	21,—
A 8/35	<i>N-N-Diméthyléthanolamine / N,N-Dimetiletanolamina</i>		STP.	25 kg	price on request			
C 3.3 2051 2	(CH ₃) ₂ NCH ₂ CH ₂ OH		F.	180 kg	price on request			
+38 °C	C ₄ H ₁₁ NO M = 89,14 g/mol 1 L ≈ 0,89 kg		2923					
	assay (GC) 99%							
	boiling range 133,5—135,5 °C							
	density (D ₄ ²⁰) 0,887—0,889							
	refractive index (n _D ²⁰) 1,4290—1,4300							
	 R: 10-36/37/38 S: 28 disposal: 19							
	Dimethylethynylcarbinol see 2-Methyl-3-butyne-2-ol							

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)

62519	N,N-Dimethylethylenediamine PROSYNTH®	FL.	100 ml	90,—	76,50	72,—	6
A 3/5	<i>N-N-Diméthyléthylènediamine / N,N-Dimetiletilendiamina</i>	2922					
C 3.2 1993 2	(CH ₃) ₂ NCH ₂ CH ₂ NH ₂						
+12°C	C ₄ H ₁₂ N ₂ M = 88,15 g/mol 1 L ≈ 0,81 kg						
	assay (GC) 97%						
	boiling range 105—108 °C						
	refractive index (n _D ²⁰) 1,426						
	  R: 11-36/37 S: 16-26-29 disposal: 19						
63438	N,N'-Dimethylethylenediamine PROSYNTH®	FL.	25 ml	26,75	22,75	21,40	2
A 8/35	<i>N-N'-Diméthyléthylènediamine / N,N'-Dimetiletilendiamina</i>	2922					
C 3.3 1993 2	CH ₃ NHCH ₂ CH ₂ NHCH ₃						
+26°C	C ₄ H ₁₂ N ₂ M = 88,15 g/mol 1 L ≈ 0,82 kg						
	assay (GC) 95%						
	boiling range 115—118 °C						
	refractive index (n _D ²⁰) 1,430						
	 R: 10-36/37/38 S: 28 disposal: 19						
02884	Dimethylethylhexadecylammonium bromide	WG.	100 g	43,25	36,75	34,60	3
	<i>Diméthyléthylhexadécylammonium bromure / Dimetiletilhexadecilamonio bromuro</i>	2924					
	[CH ₃ (CH ₂) ₁₅ N ⁺ (CH ₂ CH ₃)(CH ₃) ₂] ⁺ Br ⁻						
	C ₂₀ H ₄₄ BrN M = 378,48 g/mol						
	assay 98%						
61301	2,3-Dimethylfluorobenzene PROSYNTH®	FL.	25 ml	102,50	87,15	82,—	7
A 3/3	<i>2-3-Diméthylfluorobenzène / 2,3-Dimetilfluorobenceno</i>	2902					
C 3.3 1993 2	(CH ₃) ₂ C ₆ H ₃ F						
+33°C	C ₈ H ₉ F M = 124,16 g/mol 1 L ≈ 1,00 kg						
	assay (GC) 99%						
	boiling range 146—148 °C						
	R: 10 disposal: 7						
34903	N,N-Dimethylformamide SPECTRANAL®	FL.	1 L	55,50	47,20	44,40	42
C 6.1 2265 3	<i>N-N-Diméthylformamide / N,N-Dimetilformamida</i>	FL.	2,5 L	120,—	99,60	93,60	90
+58°C	HCON(CH ₃) ₂	2925					
	C ₃ H ₇ NO M = 73,09 g/mol 1 L ≈ 0,95 kg						
	assay (GC) min. 99,7%						
	water (according to Karl Fischer) max. 0,03%						
	suitability for UV spectroscopy						
	transmittance (1 cm cell/reference: water)						
	transmittance/wavelength (nm):						
	min. 30%/270, min. 72%/280, min. 90%/300, min.						
	95/320, min. 98%/from 330						
	suitability for IR spectroscopy passes test						
	 R: 20/21-36 S: 26-28-36 disposal: 14						
34489	N,N-Dimethylformamide PESTANAL®	FL.	1 L	51,50	43,80	41,20	39
C 6.1 2265 3	<i>N,N-Diméthylformamide / N,N-Dimetilformamida</i>	FL.	2,5 L	107,50	89,25	83,85	80
+58°C	HCON(CH ₃) ₂	2925					
	C ₃ H ₇ NO M = 73,09 g/mol 1 L ≈ 0,95 kg						
	assay (GC) min. 99,8%						
	water (according to Karl Fischer) max. 0,05%						
	suitability for residue analysis:						
	Traceable accompanying substances (GC/ECD) (column						
	0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volum zones						
	between Pentachlorobenzene, α-HCH, Aldrin and DDT a						
	peak of < 5 · 10 ⁻¹⁰ % ± 5 ng/l.						
	 R: 20/21-36 S: 26-28-36 disposal: 14						




de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
440	N,N-Dimethylformamide	FL.	1 L	24,75	21,05	19,30	18,30
6.1 2265 3	<i>N-N-Diméthylformamide / N,N-Dimetilformamida</i>	FL.	2,5 L	51,50	42,75	40,15	38,65
58 °C	HCON(CH ₃) ₂	EKL.	30 kg	kg	7,70		
	C ₃ H ₇ NO M = 73,09 g/mol	F.	180 kg	kg	6,30		
	assay (GC) 99%	2925					
	boiling range 152—154 °C						
	density (D ₄ ²⁰) 0,948—0,950						
	refractive index (n _D ²⁰) 1,4290—1,4310						
	water (according to Karl Fischer) 0,1%						
	 R: 20/21-36 S: 26-28-36 disposal: 14						
4046	N,N-Dimethylformamide-d₇ deuteration degree not less than	A.	5 ml	240,—	204,—	192,—	180,—
6.1 2265 3	99 atom % D	2851					
58 °C	<i>N-N-Diméthylformamide-d₇ / N,N-Dimetilformamida-d₇</i>						
	DCON(CD ₃) ₂						
	C ₃ D ₇ NO M = 80,04 g/mol						
	1 L ≈ 0,95 kg						
	 R: 20/21-36 S: 26-28-36 disposal: 14						
4550	N,N-Dimethylformamide diethyl acetal PROSYNTH®	FL.	25 ml	50,50	42,95	40,40	37,90
3/1A	<i>N,N-Diméthylformamide diéthylacétal / N,N-</i>	2910					
3.2 1993 2	<i>Dimetilformamida dietilacetal</i>						
9 °C	(CH ₃) ₂ NCH(OCH ₂ CH ₃) ₂						
	C ₇ H ₁₇ NO ₂ M = 147,22 g/mol						
	1 L ≈ 0,86 kg						
	assay (GC) 97%						
	boiling range 130—133 °C						
	refractive index (n _D ²⁰) 1,400						
	 R: 11 S: 9-16-33 disposal: 6						
4551	N,N-Dimethylformamide dimethyl acetal PROSYNTH®	FL.	25 ml	45,25	38,45	36,20	33,95
3/1A	<i>N-N-Diméthylformamide diméthylacétal / N,N-</i>	2910					
3.2 1993 2	<i>Dimetilformamida dimetilacetal</i>						
5 °C	(CH ₃) ₂ NCH(OCH ₃) ₂						
	C ₅ H ₁₃ NO ₂ M = 119,16 g/mol						
	1 L ≈ 0,90 kg						
	assay (GC) 93%						
	boiling range (at 960 mbar) 102—104 °C						
	refractive index (n _D ²⁰) 1,396						
	 R: 11 S: 9-16-33 disposal: 6						
39083	Dimethyl L-glutamate hydrochloride BIOSYNTH®	WG.	5 g	35,—	29,75	28,—	26,25
	<i>Diméthyle L-glutamate chlorhydrate / Dimetilo L-glutamato</i>	2923					
	<i>clorhidrato</i>						
	CH ₃ OCOCH ₂ CH ₂ CH(NH ₂)COOCH ₃ · HCl						
	C ₇ H ₁₄ ClNO ₄ M = 211,64 g/mol						
	assay (ex Cl) 96%						
	specific rotation ([α] _D ²⁰ ; c = 5 in CH ₃ OH) +25° ± 2°						
63836	2,4-Dimethylglutaric acid PROSYNTH®	WG.	5 g	37,25	31,65	29,80	27,95
	<i>Acide 2-4-diméthylglutarique / Acido 2,4-dimetilglutárico</i>	2915					
	HOOCCH(CH ₃)CH ₂ CH(CH ₃)COOH						
	C ₇ H ₁₂ O ₄ M = 160,17 g/mol						
	assay (alkalimetric) 99%						
62532	3,3-Dimethylglutaric acid PROSYNTH®	WG.	25 g	26,75	22,75	21,40	20,05
	<i>Acide 3-3-diméthylglutarique / Acido 3,3-dimetilglutárico</i>	2915					
	HOOCCH ₂ C(CH ₃) ₂ CH ₂ COOH						
	C ₇ H ₁₂ O ₄ M = 160,17 g/mol						
	assay (alkalimetric) 99%						
	melting range 100—102 °C						
	1,2-Dimethylglyoxaline see 1,2-Dimethylimidazole						

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)

33133	Dimethylglyoxime R. G., Reag. ACS <i>Diméthylglyoxime / Dimetilglioxima</i> $\text{CH}_3\text{C}(\text{NOH})\text{C}(\text{NOH})\text{CH}_3$ $\text{C}_4\text{H}_8\text{N}_2\text{O}_2$ $M = 116,12$ g/mol assay min. 99% melting range $240-241^\circ\text{C}$ insoluble in ethanol max. 0,02% sulphated ash max. 0,05% suitability for precipitation of nickel passes test	PF. PF. PF. 2929	25 g 100 g 500 g	8,— 23,25 95,50	6,80 19,75 81,20	6,40 18,60 76,40	6,— 17,— 73,—
15441	Dimethylglyoxime chem. pure <i>Diméthylglyoxime / Dimetilglioxima</i> $\text{CH}_3\text{C}(\text{NOH})\text{C}(\text{NOH})\text{CH}_3$ $\text{C}_4\text{H}_8\text{N}_2\text{O}_2$ $M = 116,12$ g/mol assay 98,5% melting point 240°C sulphated ash 0,05%	PF. PF. 2929	100 g 1 kg	24,— 181,—	20,40 153,85	19,20 144,80	18,— 139,—
15442	Dimethylglyoxime technical <i>Diméthylglyoxime / Dimetilglioxima</i> $\text{CH}_3\text{C}(\text{NOH})\text{C}(\text{NOH})\text{CH}_3$ $\text{C}_4\text{H}_8\text{N}_2\text{O}_2$ $M = 116,12$ g/mol assay 94—96%	PF. FTP. 2929	500 g 50 kg	40,25 price on request	34,20	32,20	31,—
33134	Dimethylglyoxime disodium salt octahydrate R. G., water soluble <i>Diméthylglyoxime sel disodique octahydrate / Dimetilglioxima sal disódica octahidrato</i> $\text{CH}_3\text{C}(\text{NONa})\text{C}(\text{NONa})\text{CH}_3 \cdot 8\text{H}_2\text{O}$ $\text{C}_4\text{H}_8\text{N}_2\text{Na}_2\text{O}_2 \cdot 8\text{H}_2\text{O}$ $M = 304,20$ g/mol assay min. 99% water 44—48% suitability for precipitation of nickel passes test	PF. PF. 2929	50 g 250 g	13,25 52,—	11,25 44,20	10,60 41,60	9,— 39,—
60329	1,1-Dimethylguanidine hydrochloride PROSYNTH® <i>1-1-Diméthylguanidine chlorhydrate / 1,1-Dimetilguanidina clorhidrato</i> $(\text{CH}_3)_2\text{NC}(\text{NH})\text{NH}_2 \cdot \text{HCl}$ $\text{C}_3\text{H}_{10}\text{ClN}_3$ $M = 123,59$ g/mol assay (ex Cl) 98% melting range $145-147^\circ\text{C}$	WG. 2926	100 g	137,50	116,90	110,—	103,—
64552 A 3/4 +85°C	2,6-Dimethyl-2,5-heptadiene-4-one PROSYNTH® <i>2-6-Diméthyl-2-5-heptadiène-4-one / 2,6-Dimetil-2,5-heptadién-4-ona</i> $(\text{CH}_3)_2\text{C}=\text{CHCOCH}=\text{C}(\text{CH}_3)_2$ $\text{C}_9\text{H}_{14}\text{O}$ $M = 138,21$ g/mol assay (GC) 95% melting range $23-26^\circ\text{C}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2913	100 g	24,75	21,05	19,80	18,—
64553	2,5-Dimethyl-2,5-hexanediol PROSYNTH® <i>2-5-Diméthyl-2-5-hexanediol / 2,5-Dimetil-2,5-hexanodiol</i> $\text{C}_8\text{H}_{18}\text{O}_2$ $M = 146,23$ g/mol $(\text{CH}_3)_2\text{C}(\text{OH})\text{CH}_2\text{C}(\text{OH})(\text{CH}_3)_2$ assay (GC) 97% melting range $87-89^\circ\text{C}$	WG. 2904	250 g	37,50	31,90	30,—	28,—
63837 A 3/4	2,2-Dimethylhexanol-(3) PROSYNTH® <i>2-2-Diméthylhexanol-(3) / 2,2-Dimetilhexanol-(3)</i> $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{OH})\text{C}(\text{CH}_3)_3$ $\text{C}_8\text{H}_{18}\text{O}$ $M = 130,23$ g/mol assay (GC) 90%	FL. 2904	5 ml	23,75	20,20	19,—	17,—

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3838	2,3-Dimethylhexanol-(3) PROSYNTH® <i>2-3-Diméthylhexanol-(3) / 2,3-Dimetilhexanol-(3)</i> <chem>CH3CH2CH2C(CH3)(OH)CH(CH3)2</chem> <chem>C8H18O</chem> $M = 130,23 \text{ g/mol}$ $1 \text{ L} \approx 0,84 \text{ kg}$ assay (GC) 98% boiling range 156–158 °C refractive index (n_D^{20}) 1,431	FL. 2904	5 ml	20,50	17,45	16,40	15,40
3439 3/4	2,4-Dimethylhexanol-(3) PROSYNTH® <i>2-4-Diméthylhexanol-(3) / 2,4-Dimetilhexanol-(3)</i> <chem>CH3CH2CH(CH3)CH(OH)CH(CH3)2</chem> <chem>C8H18O</chem> $M = 130,23 \text{ g/mol}$ $1 \text{ L} \approx 0,84 \text{ kg}$ assay (GC) 95% boiling range 156–159 °C refractive index (n_D^{20}) 1,432	FL. 2904	25 ml	41,75	35,50	33,40	31,30
3839	2,5-Dimethylhexanol-(2) PROSYNTH® <i>2-5-Diméthylhexanol-(2) / 2,5-Dimetilhexanol-(2)</i> <chem>(CH3)2CHCH2CH2C(OH)(CH3)2</chem> <chem>C8H18O</chem> $M = 130,23 \text{ g/mol}$ $1 \text{ L} \approx 0,82 \text{ kg}$ assay (GC) 95% boiling range 153–155 °C refractive index (n_D^{20}) 1,421	FL. 2904	5 ml	16,—	13,60	12,80	12,—
3840 3/4	2,5-Dimethylhexanol-(3) PROSYNTH® <i>2-5-Diméthylhexanol-(3) / 2,5-Dimetilhexanol-(3)</i> <chem>(CH3)2CHCH2CH(OH)CH(CH3)2</chem> <chem>C8H18O</chem> $M = 130,23 \text{ g/mol}$ $1 \text{ L} \approx 0,83 \text{ kg}$ assay (GC) 95% boiling range 153–156 °C refractive index (n_D^{20}) 1,423	FL. 2904	5 ml	24,—	20,40	19,20	18,—
3841	3,5-Dimethylhexanol-(3) PROSYNTH® <i>3-5-Diméthylhexanol-(3) / 3,5-Dimetilhexanol-(3)</i> <chem>(CH3)2CHCH2C(OH)(CH3)CH2CH3</chem> <chem>C8H18O</chem> $M = 130,23 \text{ g/mol}$ $1 \text{ L} \approx 0,83 \text{ kg}$ assay (GC) 98% boiling range 151–153 °C refractive index (n_D^{20}) 1,427	FL. 2904	25 ml	38,75	32,95	31,—	29,05
55155	5,5-Dimethylhydantoin PROSYNTH® <i>5-5-Diméthylhydantoine / 5,5-Dimetilhidantoina</i> <chem>HNCONHCOCH(CH3)2</chem> <chem>C5H8N2O2</chem> $M = 128,13 \text{ g/mol}$ assay 98% melting range 174–177 °C	WG. 2925	1 kg	44,—	37,40	35,20	33,90
62534 A 3/1A C 3.2 1163 1 +1 °C	N,N-Dimethylhydrazine PROSYNTH® <i>N-N-Diméthylhydrazine / N,N-Dimetilhidracina</i> <chem>(CH3)2NNH2</chem> <chem>C2H8N2</chem> $M = 60,10 \text{ g/mol}$ $1 \text{ L} \approx 0,79 \text{ kg}$ assay (GC) 98% boiling range (at 1004 mbar) 62–64 °C refractive index (n_D^{20}) 1,408 <div>   <div> R: 11-23/24/25 S: 16-27-44 disposal: 20 </div> </div>	FL. 2929	100 ml	38,25	32,50	30,60	28,70
64554	N,N'-Dimethylhydrazinium dichloride PROSYNTH® <i>N-N'-Diméthylhydrazine dichlorhydrate / N,N'-Dimetilhidracinio dicloruro</i> <chem>CH3NHNHCH3 · 2HCl</chem> <chem>C2H10Cl2N2</chem> $M = 133,02 \text{ g/mol}$ assay (Cl) 99% melting point 168 °C (disint.) <div>  <div> R: 23/24/25 S: 44 disposal: 20 </div> </div>	WG. 2929	10 g	74,50	63,35	59,60	55,90

Code-Number
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Type of package
B.T.N.

Price per
package DM

1x

6x

24x

9

(1 Box)

(4 Boxes)

(18 B

Dimethyl-(3-hydroxypropyl)amine see
3-Dimethylaminopropanol-(1)

64056 1,2-Dimethylindole PROSYNTH®
1-2-Diméthylindole / 1,2-Dimetilindol



$\text{C}_{10}\text{H}_{11}\text{N}$ $M = 145,20$ g/mol

assay 95%

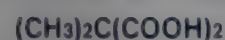
melting range 53–55 °C

Dimethyl isophthalate see Dimethyl iso-phthalate

Dimethylketol see 3-Hydroxybutanone-(2)

Dimethylketoxime see Acetone oxime

64976 Dimethylmalonic acid PROSYNTH®
Acide diméthylmalonique / Acido dimetilmalónico

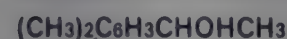


$\text{C}_5\text{H}_8\text{O}_4$ $M = 132,12$ g/mol

assay (GC) 98%

melting range 191–193 °C

64057 2,6-Dimethyl- α -methylbenzyl alcohol PROSYNTH®
Alcool 2-6-diméthyl- α -méthylbenzylique / Alcohol 2,6-dimetil- α -metilbencílico



$\text{C}_{10}\text{H}_{14}\text{O}$ $M = 150,22$ g/mol

assay (GC) 97%

melting range 50–55 °C

63842 1,2-Dimethylnaphthalene PROSYNTH®
Diméthyl-1-2-naphtalène / 1,2-Dimetilnaftaleno



$\text{C}_{12}\text{H}_{12}$ $M = 156,23$ g/mol

1 L \approx 1,02 kg

assay (GC) 94%

boiling range (at 35 mbar) 151–154 °C

refractive index (n_D^{20}) 1,615

64555 1,3-Dimethylnaphthalene PROSYNTH®
Diméthyl-1-3-naphtalène / 1,3-Dimetilnaftaleno



$\text{C}_{12}\text{H}_{12}$ $M = 156,23$ g/mol

1 L \approx 1,01 kg

assay (GC) 98%

boiling range 261–263 °C

refractive index (n_D^{20}) 1,609

63843 1,6-Dimethylnaphthalene PROSYNTH®
Diméthyl-1-6-naphtalène / 1,6-Dimetilnaftaleno



$\text{C}_{12}\text{H}_{12}$ $M = 156,23$ g/mol

1 L \approx 1,00 kg

assay (GC) 98%

boiling range (at 13 mbar) 118–120 °C

refractive index (n_D^{20}) 1,607

62251 2,3-Dimethylnaphthalene PROSYNTH®
Diméthyl-2-3-naphtalène / 2,3-Dimetilnaftaleno



$\text{C}_{12}\text{H}_{12}$ $M = 156,23$ g/mol

assay (GC) 98%

melting range 102–104 °C

33135 3,3'-Dimethylnaphthidine indicator for metal titration
Diméthyl-3-3-naphtidine / 3,3'-Dimetilnaftidina



$\text{C}_{22}\text{H}_{20}\text{N}_2$ $M = 312,41$ g/mol

2,6-Dimethyloctadiene-(2,6)-ol-8 see Geraniol

WG.
2935

10 g 48,75 41,45 39,— 36

WG.
2915

10 g 28,50 24,25 22,80 21

WG.
2905

10 g 50,— 42,50 40,— 37

FL.
2901

5 ml 38,75 32,95 31,— 29

FL.
2901

5 ml 70,— 59,50 56,— 52

FL.
2901



5 ml 171,— 145,35 136,80 128,







WG.
2901

100 g 56,— 47,60 44,80 42,




FL.
WG.
3205


1 g 60,— 51,— 48,— 45,
5 g 264,— 224,40 211,20 198,




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442 3/1A 3.2 1993 2 °C	2,4-Dimethylpentane PROSYNTH® <i>2-4-Diméthylpentane / 2,4-Dimetilpentano</i> $(\text{CH}_3)_2\text{CHCH}_2\text{CH}(\text{CH}_3)_2$ C_7H_{16} $M = 100,20 \text{ g/mol}$ $1 \text{ L} \approx 0,67 \text{ kg}$ assay (GC) 95% boiling range $78-80^\circ\text{C}$ refractive index (n_D^{20}) 1,382  R: 11 S: 9-16-33 disposal: 6 2,4-Dimethylpentanedioic acid see 2,4-Dimethylglutaric acid 3,3-Dimethylpentanedioic acid see 3,3-Dimethylglutaric acid	FL. 2901	100 ml	31,50	26,80	25,20	23,65
3846 3/3 3.3 1987 2 -40°C	2,2-Dimethylpentanol-(3) PROSYNTH® <i>2-2-Diméthylpentanol-(3) / 2,2-Dimetilpentanol-(3)</i> $\text{C}_2\text{H}_5\text{CH}(\text{OH})\text{C}(\text{CH}_3)_3$ $\text{C}_7\text{H}_{16}\text{O}$ $M = 116,20 \text{ g/mol}$ $1 \text{ L} \approx 0,83 \text{ kg}$ assay (GC) 95% R: 10 disposal: 6	FL. 2904	5 ml	24,—	20,40	19,20	18,—
3847 3/3 3.3 1987 2 -40°C	2,3-Dimethylpentanol-(2) PROSYNTH® <i>2-3-Diméthylpentanol-(2) / 2,3-Dimetilpentanol-(2)</i> $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{C}(\text{OH})(\text{CH}_3)_2$ $\text{C}_7\text{H}_{16}\text{O}$ $M = 116,20 \text{ g/mol}$ $1 \text{ L} \approx 0,83 \text{ kg}$ assay (GC) 90% boiling range $137-140^\circ\text{C}$ refractive index (n_D^{20}) 1,426 R: 10 disposal: 6	FL. 2904	5 ml	25,—	21,25	20,—	18,75
3848 3/3 3.3 1987 2 +40°C	2,3-Dimethylpentanol-(3) PROSYNTH® <i>2-3-Diméthylpentanol-(3) / 2,3-Dimetilpentanol-(3)</i> $\text{C}_2\text{H}_5\text{C}(\text{CH}_3)(\text{OH})\text{CH}(\text{CH}_3)_2$ $\text{C}_7\text{H}_{16}\text{O}$ $M = 116,20 \text{ g/mol}$ $1 \text{ L} \approx 0,84 \text{ kg}$ assay (GC) 99% boiling range $138-140^\circ\text{C}$ refractive index (n_D^{20}) 1,429 R: 10 disposal: 6	FL. 2904	5 ml	17,50	14,90	14,—	13,15
3849 3/3 3.3 1993 2 +35°C	2,4-Dimethylpentanol-(2) PROSYNTH® <i>2-4-Diméthylpentanol-(2) / 2,4-Dimetilpentanol-(2)</i> $(\text{CH}_3)_2\text{CHCH}_2\text{C}(\text{CH}_3)_2\text{OH}$ $\text{C}_7\text{H}_{16}\text{O}$ $M = 116,20 \text{ g/mol}$ $1 \text{ L} \approx 0,81 \text{ kg}$ assay (GC) 97% boiling range $131-133^\circ\text{C}$ refractive index (n_D^{20}) 1,417 R: 10 disposal: 6	FL. 2904	25 ml	42,75	36,35	34,20	32,05
62539 3/1A 3.2 1993 2 -15°C	2,4-Dimethylpentanone-(3) PROSYNTH® <i>2-4-Diméthylpentanone-(3) / 2,4-Dimetilpentanona-(3)</i> $(\text{CH}_3)_2\text{CHCOCH}(\text{CH}_3)_2$ $\text{C}_7\text{H}_{14}\text{O}$ $M = 114,19 \text{ g/mol}$ $1 \text{ L} \approx 0,80 \text{ kg}$ assay (GC) 97% boiling range $124-126^\circ\text{C}$ refractive index (n_D^{20}) 1,400  R: 11 S: 16-23 disposal: 6 2,9-Dimethyl-1,10-phenanthroline see Neocuproin 2,9-Dimethyl-1,10-phenanthroline hydrochloride see Neocuproin hydrochloride	FL. 2913	100 ml	14,50	12,35	11,60	10,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	9
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
62540	2,3-Dimethylphenol PROSYNTH® <i>Diméthyl-2-3-phénol / 2,3-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) 98% melting range 72–74 °C  R: 24/25-34 S: 2-28-44 disposal: 6	WG. 2906	100 g	12,75	10,85	10,20	9
A 6.1/13C							
C 6.1 2261 2							
62541	2,4-Dimethylphenol PROSYNTH® <i>Diméthyl-2-4-phénol / 2,4-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol 1 L ≈ 1,02 kg assay (GC) 97% boiling range 208–210 °C refractive index (n _D ²⁰) 1,539	WG. 2906	100 g	price on request			
A 6.1/22B							
C 6.1 2811 2							
64556	2,5-Dimethylphenol PROSYNTH® <i>Diméthyl-2-5-phénol / 2,5-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) 98% melting range 70–72 °C  R: 24/25-34 S: 2-28-44 disposal: 6	WG. 2906	250 g	35,—	29,75	28,—	26
A 6.1/22B							
C 6.1 2811 2							
33163	2,6-Dimethylphenol R.G. <i>Diméthyl-2-6-phénol / 2,6-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) min. 99,5% melting range 45–46 °C suitability for determination of nitrate passes test  R: 24/25-34 S: 2-28-44 disposal: 6	WG. 2906	5 g	25,25	21,45	20,20	18
A 6.1/13C							
C 6.1 2020 3							
62542	2,6-Dimethylphenol PROSYNTH® <i>Diméthyl-2-6-phénol / 2,6-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) 99% melting range 44–46 °C  R: 24/25-34 S: 2-28-44 disposal: 6	WG. 2906	250 g	21,50	18,30	17,20	16
A 6.1/13C							
C 6.1 2261 2							
62543	3,4-Dimethylphenol PROSYNTH® <i>Diméthyl-3-4-phénol / 3,4-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) 98% melting range 64–65 °C  R: 24/25-34 S: 2-28-44 disposal: 6	WG. 2906	100 g	28,50	24,25	22,80	21
A 6.1/13C							
C 6.1 2261 2							
62544	3,5-Dimethylphenol PROSYNTH® <i>Diméthyl-3-5-phénol / 3,5-Dimetilfenol</i> (CH ₃) ₂ C ₆ H ₃ OH C ₈ H ₁₀ O M = 122,17 g/mol assay (GC) 98% melting range 61–64 °C  R: 24/25-34 S: 2-28-44 disposal: 6	PF. 2906	250 g	19,75	16,80	15,80	14
A 6.1/13C							
C 6.1 2261 2							



2,2'-Dimethylphenolsulphonphthalein see m-Cresol purple

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
557	N,N-Dimethyl-p-phenylenediamine PROSYNTH® 6.1/21H <i>N-N-Diméthyl-p-phénylènediamine / N,N-Dimetil-p-fenilendiamina</i> 6.1 2811 3 <chem>(CH3)2NC6H4NH2</chem> <chem>C8H12N2</chem> $M = 136,20$ g/mol assay (GC) 98% melting range 35–38 °C  R: 23/24/25 S: 28-44 disposal: 19	WG. 2922	100 g	38,25	32,50	30,60	28,70
2545	4,5-Dimethyl-o-phenylenediamine PROSYNTH® 6.1/21H <i>4-5-Diméthyl-o-phénylènediamine / 4,5-Dimetil-o-fenilendiamina</i> 6.1 2811 3 <chem>(CH3)2C6H2(NH2)2</chem> <chem>C8H12N2</chem> $M = 136,20$ g/mol assay 98% melting range 125–127 °C  R: 23/24/25 S: 28-44 disposal: 19	WG. 2922	10 g	14,25	12,10	11,40	10,70
3137	N,N-Dimethyl-p-phenylenediamine dihydrochloride R. G. 6.1/21H <i>N-N-Diméthyl-p-phénylènediamine dichlorhydrate /</i> 6.1 2811 3 <i>N,N-Dimetil-p-fenilendiamina diclorhidrato</i> <chem>(CH3)2NC6H4NH2 · 2HCl</chem> <chem>C8H14Cl2N2</chem> $M = 209,12$ g/mol assay min. 99,5% sulphated ash max. 0,05% sulphate (SO ₄) max. 0,005%  R: 23/24/25 S: 28-44 disposal: 7	WG. WG. 2922	10 g 100 g	16,50 98,50	14,05 83,75	13,20 78,80	12,40 73,90
34059	3,5-Dimethyl-1-phenylpyrazole PROSYNTH® <i>3-5-Diméthyl-1-phénylpyrazole / 3,5-Dimetil-1-fenilpirazol</i> <chem>C6H5NC(CH3)=CHC(CH3)=N</chem> <chem>C11H12N2</chem> $M = 172,23$ g/mol 1 L ≈ 1,06 kg assay (GC) 98% boiling (at 5 mbar) 114–117 °C refractive index (n _D ²⁰) 1,573	FL. 2935	10 ml	32,75	27,85	26,20	24,55
64236	Dimethyl phosphite PROSYNTH® A 3/4 <i>Diméthyle phosphite / Dimetilo fosfito</i> C 3.3 1992 2 –58 °C <chem>(CH3O)2POH</chem> <chem>C2H7O3P</chem> $M = 110,05$ g/mol 1 L ≈ 1,20 kg assay (GC) 99% boiling range 169–171 °C refractive index (n _D ²⁰) 1,402	FL. 2921	500 ml	40,50	34,45	32,40	31,20
64649	Dimethyl iso-phthalate PROSYNTH® <i>Diméthyle iso-phthalate / Dimetilo iso-ftalato</i> <chem>C6H4(COOCH3)2</chem> <chem>C10H10O4</chem> $M = 194,19$ g/mol assay (GC) 98% melting range 65–67 °C	WG. 2915	500 g	27,25	23,15	21,80	21,—
27742	Dimethyl phthalate <i>Diméthyle phthalate / Dimetilo ftalato</i> <chem>C6H4(COOCH3)2</chem> <chem>C10H10O4</chem> $M = 194,19$ g/mol 1 L ≈ 1,19 kg assay (GC) 99% boiling range (at 27 mbar) 163–167 °C density (D ₄ ²⁰) 1,188–1,192 refractive index (n _D ²⁰) 1,5140–1,5150 water (according to Karl Fischer) 0,05% free acid [as C ₆ H ₄ (COOH) ₂] 0,01%	FL. EKL. 2915	1 L 35 kg	23,— price on request	19,55	18,40	17,70

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	9x
				(1 Box)	(4 Boxes)	(10 Boxes)	(10 Boxes)
64559	2,5-Dimethylpiperazine mixture of <i>cis</i> and <i>trans</i> isomers PROSYNTH® <i>Diméthyl-2-5-pipérazine / 2,5-Dimetilpiperacina</i> $\text{NHCH}(\text{CH}_3)\text{CH}_2\text{NHCH}(\text{CH}_3)\text{CH}_2$ $\text{C}_6\text{H}_{14}\text{N}_2$ $M = 114,19$ g/mol assay (GC) 97%	WG. 2935	100 g	31,25	26,55	25,—	23,—
62546	2,6-Dimethylpiperidine PROSYNTH® <i>Diméthyl-2-6-pipéridine / 2,6-Dimetilpiperidina</i> $\text{NHCH}(\text{CH}_3)(\text{CH}_2)_3\text{CHCH}_3$ $\text{C}_7\text{H}_{15}\text{N}$ $M = 113,20$ g/mol $1 \text{ L} \approx 0,82 \text{ kg}$ assay (GC) 97% boiling range $126-128^\circ\text{C}$ refractive index (n_D^{20}) 1,439	FL. 2935	100 ml	18,—	15,30	14,40	13,—
	 R: 11 S: 9-16-33 disposal: 19						
56008	Dimethyl-POPOP for scintillation [2,2-p-Phenylenebis-(4-methyl-5-phenyloxazole)] $\text{QC}(\text{C}_6\text{H}_5) = \text{C}(\text{CH}_3)\text{N} = \text{CC}_6\text{H}_4\text{C} = \text{NC}(\text{CH}_3) = \text{C}(\text{C}_6\text{H}_5)\text{O}$ $\text{C}_{26}\text{H}_{20}\text{N}_2\text{O}_2$ $M = 392,46$ g/mol melting range $233-234^\circ\text{C}$	WG. WG. FT. 2935	25 g 100 g 1 kg	74,50 253,— 2300,—	63,35 215,05 1955,—	59,60 202,40 1840,—	55,— 189,— 1771,—
15919	2,2-Dimethylpropanediol-(1,3) <i>2-2-Diméthylpropanediol-(1-3) / 2,2-Dimetilpropanodiol-(1,3)</i> $(\text{CH}_3)_2\text{C}(\text{CH}_2\text{OH})_2$ $\text{C}_5\text{H}_{12}\text{O}_2$ $M = 104,15$ g/mol	PF. S. 2904	1 kg 40 kg	19,50 price on request	16,60	15,60	15,—
60448	2,2-Dimethylpropanol-(1) PROSYNTH® <i>2-2-Diméthylpropanol-(1) / 2,2-Dimetilpropanol-(1)</i> $\text{CH}_3\text{C}(\text{CH}_3)_2\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}$ $M = 88,15$ g/mol $1 \text{ L} \approx 0,81 \text{ kg}$ assay (GC) 98% melting range $51-54^\circ\text{C}$ N,N-Dimethyl-iso-propanolamine see 1-Dimethylaminopropanol-(2) N,N-Dimethyl-1,3-propylenediamine see 3-Dimethylaminopropylamine	FL. 2904	100 ml	47,—	39,95	37,60	35,—
63444	3,5-Dimethylpyrazole PROSYNTH® <i>3-5-Diméthylpyrazole / 3,5-Dimetilpirazol</i> $\text{NHN} = \text{C}(\text{CH}_3)\text{CH} = \text{CCH}_3$ $\text{C}_5\text{H}_8\text{N}_2$ $M = 96,13$ g/mol assay (ex N) 98% melting range $105-108^\circ\text{C}$ 2,4-Dimethylpyridine see 2,4-Lutidine 2,6-Dimethylpyridine see 2,6-Lutidine 3,4-Dimethylpyridine see 3,4-Lutidine 3,5-Dimethylpyridine see 3,5-Lutidine	WG. 2935	25 g	24,—	20,40	19,20	18,—
63446	2,6-Dimethylstyrene PROSYNTH® stabilized with 4- <i>tert.</i> -butylpyrocatechol (1 g/l) <i>2-6-Diméthylstyrène / 2,6-Dimetilestireno</i> $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{CH} = \text{CH}_2$ $\text{C}_{10}\text{H}_{12}$ $M = 132,20$ g/mol $1 \text{ L} \approx 0,91 \text{ kg}$ assay (GC) 95%	FL. 2901	10 g	76,50	65,05	61,20	57,40

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
2145	Dimethyl succinate PROSYNTH® <i>Diméthyle succinate / Dimetilo succinato</i> <chem>CH3OCOCH2CH2COOCH3</chem> <chem>C6H10O4</chem> $M = 146,14$ g/mol 1 L ≈ 1,12 kg assay (GC) 98% boiling range 194–196 °C refractive index (n_D^{20}) 1,419	FL. 2915	500 ml	38,—	32,30	30,40	29,25
3447	2,3-Dimethylsuccinic acid PROSYNTH® mixture of <i>DL</i> - and <i>meso</i> -form <i>Acide 2-3-diméthylsuccinique / Acido 2,3-dimetilsuccínico</i> <chem>HOOCCH(CH3)CH(CH3)COOH</chem> <chem>C6H10O4</chem> $M = 146,14$ g/mol assay (alkalimetric) 99% melting range 198–200 °C	FL. 2915	1 g	30,75	26,15	24,60	23,05
5447	Dimethyl sulphate technical <i>Diméthyle sulfate / Dimetilo sulfato</i> <chem>(CH3O)2SO2</chem> <chem>C2H6O4S</chem> $M = 126,13$ g/mol 1 L ≈ 1,33 kg assay (GC) 97% boiling range 187–189 °C density (D_4^{20}) 1,320–1,330	FL. FL. F. 2921	500 ml 1 L 250 kg	10,75 19,25 price on request	9,15 16,35	8,60 15,40	8,30 14,80
	 R: 26/27-40 S: 7/9-24/25-26-45 disposal: 7						
9047	Dimethyl sulphate-d_6 deuteration degree not less than 99 atom % D <i>Diméthyle sulfate-d_6 / Dimetilo sulfato-d_6</i> <chem>(CD3O)2SO2</chem> <chem>C2D6O4S</chem> $M = 132,09$ g/mol 1 L ≈ 1,39 kg	A. 2851	10 ml	76,50	65,05	61,20	57,40
	 R: 26/27-40 S: 7/9-24/25-26-45 disposal: 7						
62547	Dimethyl sulphide PROSYNTH® <i>Diméthyle sulfure / Dimetilo sulfuro</i> <chem>(CH3)2S</chem> <chem>C2H6S</chem> $M = 62,13$ g/mol 1 L ≈ 0,85 kg assay (GC) 99% boiling range 36–38 °C refractive index (n_D^{20}) 1,435	FL. 2931	1 L	27,25	23,15	21,80	21,—
	 R: 11 S: 9-16-33 disposal: 15						
62548	Dimethyl sulphite PROSYNTH® <i>Diméthyle sulfite / Dimetilo sulfito</i> <chem>(CH3O)2SO</chem> <chem>C2H6O3S</chem> $M = 110,13$ g/mol 1 L ≈ 1,21 kg assay (GC) 97% boiling range 123–125 °C refractive index (n_D^{20}) 1,409	FL. 2921	50 ml	13,75	11,70	11,—	10,30
63448	2,4-Dimethylsulpholane PROSYNTH® <i>2-4-Diméthylsulfolane / 2,4-Dimetilsulfolano</i> <chem>SO2CH2CH(CH3)CH2CHCH3</chem> <chem>C6H12O2S</chem> $M = 148,23$ g/mol 1 L ≈ 1,14 kg assay (GC) 99% boiling range 280–283 °C refractive index (n_D^{20}) 1,473	FL. 2935	25 ml	66,50	56,55	53,20	49,90
60307	Dimethylsulphone PROSYNTH® <i>Diméthylsulfone / Dimetilsulfona</i> <chem>(CH3)2SO2</chem> <chem>C2H6O2S</chem> $M = 94,13$ g/mol assay (ex S) 98% melting range 107–110 °C	WG. WG. 2931	250 g 1 kg	37,75 125,50	32,10 106,70	30,20 100,40	28,30 96,65





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
09082 + 85 °C	Dimethyl sulphoxide-d₆ deuteration degree not less than 99,95 atom %D <i>Diméthyle sulfoxyde-d₆ / Dimetilo sulfóxido-d₆</i> (CD ₃) ₂ SO C ₂ D ₆ OS M = 84,09 g/mol 1 L ≈ 1,19 kg	A. 2851	10 ml	228,—	193,80	182,40	171,—
09083 85 °C	Dimethyl sulphoxide-d₆ deuteration degree not less than 99,8 atom %D <i>Diméthyle sulfoxyde-d₆ / Dimetilo sulfóxido-d₆</i> (CD ₃) ₂ SO C ₂ D ₆ OS M = 84,09 g/mol 1 L ≈ 1,19 kg	A. FL. 2851	10 ml 100 ml	46,25 386,—	39,30 328,10	37,— 308,80	34 289
33175 + 85 °C	Dimethyl sulphoxide R. G., Reag. ACS <i>Diméthyle sulfoxyde / Dimetilo sulfóxido</i> (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg assay (GC) min. 99,5% congealing point min. 18 °C boiling range 189-191 °C density (D ₄ ²⁰) 1,100-1,103 refractive index (n _D ²⁰) 1,4780-1,4790 non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,03% free acid (as H ₂ SO ₄) max. 0,003% iron (Fe) max. 0,0001% heavy metals (as Pb) max. 0,0001%	FL. 2931	1 L	40,25	34,20	32,20	31,—
34943 + 85 °C	Dimethyl sulphoxide R. G. dried (max. 0,01% H₂O) <i>Diméthyle sulfoxyde / Dimetilo sulfóxido</i> (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg assay (GC) min. 99,5% congealing point min. 18 °C boiling range 189-191 °C density (D ₄ ²⁰) 1,100-1,103 refractive index (n _D ²⁰) 1,4780-1,4790 non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,01% free acid (as H ₂ SO ₄) max. 0,003% iron (Fe) max. 0,0001% heavy metals (as Pb) max. 0,0001%	FL. 2931	1 L	41,25	35,05	33,—	31,—
56010 + 85 °C	Dimethyl sulphoxide for scintillation <i>Diméthyle sulfoxyde / Dimetilo sulfóxido</i> (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg	FL. 2931	500 ml	22,50	19,15	18,—	17,—
34915 + 85 °C	Dimethyl sulphoxide SPECTRANAL® <i>Diméthyle sulfoxyde / Dimetilo sulfóxido</i> (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg assay (GC) min. 99,7% non-volatile matter max. 0,002% water (acc. to Karl Fischer) max. 0,2% suitability for UV spectroscopy transmittance (1 cm cell/reference: water) transmittance/wavelength (nm): min. 40%/270, min. 70%/290, min. 90%/320, min. 95%/330, min. 98%/from 340 suitability for IR spectroscopy passes test	FL. FL. 2931	100 ml 1 L	10,25 59,50	8,70 50,60	8,20 47,60	7, 45,—
34869 + 85 °C	Dimethyl sulphoxide CHROMASOLV® for chromatography (UV-detection) <i>Diméthyle sulfoxyde / Dimetilo sulfóxido</i> (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg assay (GC) min. 99,7% non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,2% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 30%/270, min. 50%/280, min. 80%/300, min. 98%/from 350	FL. 2931	1 L	43,25	36,75	34,60	33,50






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153	Dimethyl sulphoxide PROSYNTH® Diméthyle sulfoxyde / Dimetilo sulfóxido (CH ₃) ₂ SO C ₂ H ₆ OS M = 78,13 g/mol 1 L ≈ 1,10 kg assay (GC) 99,5% boiling range 189—191 °C refractive index (n _D ²⁰) 1,4780—1,4790	FL. FL. STP. 2931	500 ml 2,5 L 30 kg	17,75 71,— price on request	15,10 58,95	14,20 55,40	13,65 53,25
3048	Dimethyl sulphoxide-d ₈ deuteration degree not less than 99,5 atom % D Diméthyle sulfoxyde-d ₈ / Dimetilo sulfóxido-d ₈ (CD ₃) ₂ SO C ₂ D ₆ OS M = 84,09 g/mol 1 L ≈ 1,19 kg	A. FL. 2851	10 ml 100 ml	46,— 385,—	39,10 327,25	36,80 308,—	34,50 288,75
4060	Dimethyl (+)-tartrate PROSYNTH® Diméthyle (+)-tartrate / Dimetilo (+)-tartrato CH ₃ OOC(OH)CHCH(OH)COOCH ₃ C ₆ H ₁₀ O ₆ M = 178,14 g/mol assay (GC) 99% melting range 46—48 °C spec. rotation ([α] _D ²⁰ ; c = 20 in CH ₃ OH) +4,5° ± 0,5°	WG. 2916	100 g	price on request			
3060	Dimethyl terephthalate PROSYNTH® Diméthyle téréphtalate / Dimetilo tereftalato C ₆ H ₄ (COOCH ₃) ₂ C ₁₀ H ₁₀ O ₄ M = 194,19 g/mol assay (HPLC) 99% melting range 139—141 °C	PF. 2915	1 kg	26,75	22,75	21,40	20,60
	Dimethylthiazolyldiphenyltetrazolium bromide see MTT						
3100	Dimethylthiophosphine acid chloride for gas chromatography Acide diméthylthiophosphine chlorure / Acido dimetiltiofosfino cloruro (CH ₃) ₂ P(S)Cl C ₂ H ₆ ClPS M = 128,56 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2934	10 g	122,50	104,15	98,—	91,90
30367	0,0-Dimethylthiophosphoric acid chloride PROSYNTH® Acide 0-0-diméthylthiophosphorique chlorure / Acido 0,0- dimetiltiofosfórico cloruro (CH ₃ O) ₂ PSCI C ₂ H ₆ ClO ₂ PS M = 160,56 g/mol 1 L ≈ 1,32 kg assay 98% boiling range (at 21 mbar) 65—67 °C refractive index (n _D ²⁰) 1,482	FL. 2921	1 L	94,—	79,90	75,20	72,40
62550	Dimethyltin dichloride PROSYNTH® Diméthylétain dichlorure / Dimetilestaño dicloruro (CH ₃) ₂ SnCl ₂ C ₂ H ₆ Cl ₂ Sn M = 219,67 g/mol assay (ex Sn) 99% melting range 104—106 °C	FL. 2934	5 g	34,—	28,90	27,20	25,50
	 R: 23/24/25 S: 2-13-44 disposal: 10						
62549	N,N-Dimethyl-p-toluidine PROSYNTH® catalysator for peroxide-polymerisation N,N-Diméthyl-p-toluidine / N,N-Dimetil-p-toluidina CH ₃ C ₆ H ₄ N(CH ₃) ₂ C ₉ H ₁₃ N M = 135,21 g/mol 1 L ≈ 0,94 kg assay (GC) 98% boiling range 209—211 °C refractive index (n _D ²⁰) 1,546	FL. 2922	100 ml	20,50	17,45	16,40	15,40
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 19						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 8x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

15450	N,N'-Dimethylurea <i>N-N'-Diméthylurée / N,N'-Dimetilurea</i> (CH ₃ NH) ₂ CO C ₃ H ₈ N ₂ O M = 88,11 g/mol	PF. S. 2925	1 kg 45 kg	22,— price on request	18,70	17,60	16,—
	1,3-Dimethyl-2-vinylbenzene see 2,6-Dimethylstyrene						
	Dimethyl yellow see 4-Dimethylaminoazobenzene						
63453	2,4-Dinitroacetanilide PROSYNTH® <i>2-4-Dinitroacétanilide / 2,4-Dinitroacetanilida</i> (NO ₂) ₂ C ₆ H ₃ NHCOCH ₃ C ₈ H ₇ N ₃ O ₅ M = 225,16 g/mol assay (ex N) 98% melting range 119—121 °C	WG. 2925	250 g	42,75	36,35	34,20	32,—
A 6.1/21I							
C 6.1 2811 2							
	 R: 20/21/22 S: 28 disposal: 11						
62551	2,4-Dinitroaniline PROSYNTH® <i>2-4-Dinitroaniline / 2,4-Dinitroanilina</i> (NO ₂) ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ N ₃ O ₄ M = 183,12 g/mol assay (HPLC) 97% melting range 178—180 °C	WG. 2922	500 g	27,75	23,60	22,20	21,—
A 6.1/21F							
C 6.1 1596 2							
	 R: 26/27/28-33 S: 28-36/37-45 disposal: 20						
64990	2,6-Dinitroaniline PROSYNTH® <i>2-6-Dinitroaniline / 2,6-Dinitroanilina</i> (NO ₂) ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ N ₃ O ₄ M = 183,12 g/mol assay (HPLC) 97% melting range 132—134 °C (disint.)	WG. 2922	10 g	42,25	35,90	33,80	31,—
A 6.1/21F							
C 6.1 1596 2							
	 R: 26/27/28-33 S: 28-36/37-45 disposal: 20						
62552	3,5-Dinitroaniline PROSYNTH® <i>3-5-Dinitroaniline / 3,5-Dinitroanilina</i> (NO ₂) ₂ C ₆ H ₃ NH ₂ C ₆ H ₅ N ₃ O ₄ M = 183,12 g/mol assay (HPLC) 97% melting range 160—162 °C	WG. 2922	5 g	75,50	64,20	60,40	56,—
A 6.1/21F							
C 6.1 1596 2							
	 R: 26/27/28-33 S: 28-36/37-45 disposal: 20						
64061	2,4-Dinitroanisole PROSYNTH® <i>2-4-Dinitroanisole / 2,4-Dinitroanisol</i> (NO ₂) ₂ C ₆ H ₃ OCH ₃ C ₇ H ₆ N ₂ O ₅ M = 198,13 g/mol assay (HPLC) (on dry substance) 99% melting range (on dry substance) 93—95 °C loss on drying 5%	WG. 2908	500 g	44,50	37,85	35,60	34,—
64563	2,4-Dinitrobenzaldehyde PROSYNTH® <i>Dinitro-2-4-benzaldéhyde / 2,4-Dinitrobenzaldehydo</i> (NO ₂) ₂ C ₆ H ₃ CHO C ₇ H ₄ N ₂ O ₅ M = 196,12 g/mol assay (GC) 99% melting range 68—70 °C	WG. 2912	10 g	91,50	77,80	73,20	68,—
A 6.1/21I							
C 6.1 2811 2							

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
564	1,2-Dinitrobenzene PROSYNTH® <i>1-2-Dinitrobenzène / 1,2-Dinitrobenceno</i> <chem>C6H4(NO2)2</chem> <chem>C6H4N2O4</chem> <i>M</i> = 168,11 g/mol assay (GC) 99% melting range 116–118 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2903	25 g	38,25	32,50	30,60	28,70
3140	1,3-Dinitrobenzene R. G., Reag. Ph. Eur. I <i>1-3-Dinitrobenzène / 1,3-Dinitrobenceno</i> <chem>C6H4(NO2)2</chem> <chem>C6H4N2O4</chem> <i>M</i> = 168,11 g/mol assay (GC) min. 99% melting range 89–91 °C sulphated ash max. 0,1% free acid (as HNO ₃) max. 0,03% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. WG. 2903	25 g 250 g	10,50 64,—	8,95 54,40	8,40 51,20	7,90 48,—
0478	1,3-Dinitrobenzene PROSYNTH® <i>1-3-Dinitrobenzène / 1,3-Dinitrobenceno</i> <chem>C6H4(NO2)2</chem> <chem>C6H4N2O4</chem> <i>M</i> = 168,11 g/mol assay (GC) 98% melting range 87–90 °C sulphated ash 0,2%  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2903	500 g	23,—	19,55	18,40	17,70
2554	1,4-Dinitrobenzene PROSYNTH® <i>1-4-Dinitrobenzène / 1,4-Dinitrobenceno</i> <chem>C6H4(NO2)2</chem> <chem>C6H4N2O4</chem> <i>M</i> = 168,11 g/mol assay (GC) 99% melting range 173–175 °C  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2903	10 g	29,—	24,65	23,20	21,75
2555	2,4-Dinitrobenzenesulphenyl chloride PROSYNTH® <i>2-4-Dinitrobenzènesulfényle chlorure /</i> <i>2,4-Dinitrobencenosulfenilo cloruro</i> <chem>(NO2)2C6H3SCI</chem> <chem>C6H3ClN2O4S</chem> <i>M</i> = 234,62 g/mol assay (ex Cl) 99% melting range 94–96 °C	WG. 2903	10 g	38,75	32,95	31,—	29,05
63449	3,3'-Dinitrobenzidine PROSYNTH® <i>3-3'-Dinitrobenzidine / 3,3'-Dinitrobencidina</i> <chem>NH2C6H3(NO2)C6H3(NO2)NH2</chem> <chem>C12H10N4O4</chem> <i>M</i> = 274,24 g/mol  R: 26/27/28-39 S: 22-27-36-45 disposal: 10	FL. 2922	1 g	40,50	34,45	32,40	30,40
63451	3,4-Dinitrobenzoic acid PROSYNTH® <i>Acide 3-4-dinitrobenzoïque / Acido 3,4-dinitrobenzóico</i> <chem>(NO2)2C6H3COOH</chem> <chem>C7H4N2O6</chem> <i>M</i> = 212,12 g/mol assay (alkalimetric) 98%	WG. 2914	10 g	11,—	9,35	8,80	8,25

Code-Number

A) RID/ADR

B) GGVE/GGVS

C) IMDG-CODE (GGVSee)

Type of package

B.T.N.

Price per

1x

6x

24x




9x







package DM

(1 Box)

(4 Boxes)

(16 Boxes)







33139	3,5-Dinitrobenzoic acid R. G.	WG.	100 g	19,75	16,80	15,80	14
A 6.1/2II	<i>Acide 3-5-dinitrobenzoïque / Acido 3,5-dinitrobenzóico</i>	2914					
C 6.1 2811 2	(NO ₂) ₂ C ₆ H ₃ COOH C ₇ H ₄ N ₂ O ₆ M = 212,12 g/mol assay min. 99% melting range 204—206 °C sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%						
15923	3,5-Dinitrobenzoyl chloride pure	WG.	100 g	29,50	25,10	23,60	22
A 6.1/2II	<i>3-5-Dinitrobenzoyle chlorure / 3,5-Dinitrobenzoilo cloruro</i>	2914					
C 6.1 1577 2	(NO ₂) ₂ C ₆ H ₃ COCl C ₇ H ₃ ClN ₂ O ₅ M = 230,56 g/mol assay 97% melting range 68—70 °C sulphated ash 0,1% total sulphur (as SO ₄) 0,01%						
	 R: 23/24/25 S: 44 disposal: 20						
62556	2,2'-Dinitrobiphenyl PROSYNTH®	WG.	10 g	32,75	27,85	26,20	24
A 6.1/2II	<i>2-2'-Dinitrobiphényle / 2,2'-Dinitrobifenilo</i>	2903					
C 6.1 2811 2	NO ₂ C ₆ H ₄ C ₆ H ₄ NO ₂ C ₁₂ H ₈ N ₂ O ₄ M = 244,21 g/mol assay (GC) 97% melting range 122—124 °C						
63851	4,4'-Dinitrobiphenyl PROSYNTH®	WG.	10 g	32,25	27,40	25,80	24
A 6.1/2I	<i>4-4'-Dinitrobiphényle / 4,4'-Dinitrobifenilo</i>	2903					
C 6.1 2811 2	O ₂ NC ₆ H ₄ C ₆ H ₄ NO ₂ C ₁₂ H ₈ N ₂ O ₄ M = 244,21 g/mol assay (ex N) 90%						
64063	2,5-Dinitrofluorene PROSYNTH®	WG.	10 g	44,50	37,85	35,60	33
	<i>2-5-Dinitrofluorène / 2,5-Dinitrofluoreno</i>	2903					
	C ₁₃ H ₈ N ₂ O ₄ M = 256,22 g/mol melting range 195—200 °C						
33253	2,4-Dinitrofluorobenzene R. G.	FL.	25 ml	31,75	27,—	25,40	23
A 6.1/2IK	<i>Dinitro-2-4-fluorobenzène / 2,4-Dinitrofluorbenceno</i>	2903					
C 6.1 2810 2	FC ₆ H ₃ (NO ₂) ₂ C ₆ H ₃ FN ₂ O ₄ M = 186,10 g/mol 1 L ≈ 1,52 kg assay (GC) min. 98% water (according to Karl Fischer) max. 0,1% sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
64978	2,4-Dinitroiodobenzene PROSYNTH®	WG.	5 g	33,25	28,25	26,60	24
A 6.1/2IK	<i>2-4-Dinitroiodobenzène / 2,4-Dinitroyodobenceno</i>	2903					
C 6.1 2811 2	(NO ₂) ₂ C ₆ H ₃ I C ₆ H ₃ IN ₂ O ₄ M = 294,01 g/mol assay 97% melting range 86—88 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
	2,4-Dinitro-1-methoxybenzene see 2,4-Dinitroanisole						
62557	1,5-Dinitronaphthalene PROSYNTH®	PF.	100 g	16,75	14,25	13,40	12
A 6.1/2II	<i>1-5-Dinitronaphtalène / 1,5-Dinitronaftaleno</i>	2903					
C 6.1 2811 2	C ₁₀ H ₆ (NO ₂) ₂ C ₁₀ H ₆ N ₂ O ₄ M = 218,17 g/mol assay (HPLC) 98% melting range 213—216 °C						






de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
3141	2,4-Dinitrophenol indicator (with 0,5 ml H ₂ O/g) 2-4-Dinitrophénol / 2,4-Dinitrofenol C ₆ H ₃ (OH)(NO ₂) ₂ C ₆ H ₄ N ₂ O ₅ M = 184,11 g/mol  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2907	25 g	14,75	12,55	11,80	11,05
3142	2,5-Dinitrophenol indicator (with 0,5 ml H ₂ O/g) 2-5-Dinitrophénol / 2,5-Dinitrofenol C ₆ H ₃ (OH)(NO ₂) ₂ C ₆ H ₄ N ₂ O ₅ M = 184,11 g/mol  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2907	5 g	32,75	27,85	26,20	24,55
3143	2,6-Dinitrophenol indicator (with 0,5 ml H ₂ O/g) 2-6-Dinitrophénol / 2,6-Dinitrofenol C ₆ H ₃ (OH)(NO ₂) ₂ C ₆ H ₄ N ₂ O ₅ M = 184,11 g/mol  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2907	5 g	33,25	28,25	26,60	24,95
3145	2,4-Dinitrophenylhydrazine in proportion 2:1 to water, R. G. 2-4-Dinitrophénylhydrazine / 2,4-Dinitrofenilhidracina (NO ₂) ₂ C ₆ H ₃ NHNH ₂ C ₆ H ₆ N ₄ O ₄ M = 198,14 g/mol (water-free substance) assay min. 99% melting range 198—200 °C (disint.) sulphated ash max. 0,1% iron (Fe) max. 0,002%  R: 23/24/25 S: 44 disposal: 10	WG. WG. 2929	25 g 100 g	12,50 41,—	10,65 34,85	10,— 32,80	9,40 30,75
4991	2,4-Dinitrophenyl-4-semicarbazide PROSYNTH® 2-4-Dinitrophényl-4-sémicarbazide / 2,4-Dinitrofenil-4-semicarbazida (NO ₂) ₂ C ₆ H ₃ NHCONHNH ₂ C ₇ H ₇ N ₅ O ₅ M = 241,16 g/mol assay 95% melting range 190—192 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2929	25 g	55,50	47,20	44,40	41,65
33146	3,5-Dinitrosalicylic acid monohydrate R. G. Acide 3-5-dinitrosalicylique monohydrate / Acido 3,5-dinitrosalicílico monohidrato C ₆ H ₂ (COOH)(OH)(NO ₂) ₂ · H ₂ O C ₇ H ₄ N ₂ O ₇ · H ₂ O M = 246,13 g/mol assay min. 99% melting range 170—172 °C sulphated ash max. 0,1%	WG. WG. 2916	25 g 100 g	13,75 45,75	11,70 38,90	11,— 36,60	10,30 34,30
65213	4,4'-Dinitrostilbene PROSYNTH® Dinitro-4-4'-stilbène / 4,4'-Dinitroestilbeno NO ₂ C ₆ H ₄ CH = CHC ₆ H ₄ NO ₂ C ₁₄ H ₁₀ N ₂ O ₄ M = 270,24 g/mol melting range 291—293 °C	WG. 2903	50 g	price on request			
63854	2,3-Dinitrotoluene PROSYNTH® 2-3-Dinitrotoluène / 2,3-Dinitrotolueno CH ₃ C ₆ H ₃ (NO ₂) ₂ C ₇ H ₆ N ₂ O ₄ M = 182,14 g/mol assay (GC) 99% melting range 59—61 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	5 g	30,75	26,15	24,60	23,05

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes) (36 Boxes)

62558	2,4-Dinitrotoluene PROSYNTH® 2-4-Dinitrotoluène / 2,4-Dinitrotolueno	WG. 2903	500 g	33,—	28,05	26,40	25,80
A 6.1/21M							
C 6.1 2038 2	CH ₃ C ₆ H ₃ (NO ₂) ₂ C ₇ H ₅ N ₂ O ₄ M = 182,14 g/mol assay (GC) 99% melting range 67—70 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
62559	2,6-Dinitrotoluene PROSYNTH® 2-6-Dinitrotoluène / 2,6-Dinitrotolueno	WG. 2903	100 g	38,25	32,50	30,60	28,80
A 6.1/21M							
C 6.1 2038 2	CH ₃ C ₆ H ₃ (NO ₂) ₂ C ₇ H ₅ N ₂ O ₄ M = 182,14 g/mol assay (GC) 99% melting range 64—65 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
62560	3,4-Dinitrotoluene PROSYNTH® 3-4-Dinitrotoluène / 3,4-Dinitrotolueno	WG. 2903	100 g	36,—	30,60	28,80	27,60
A 6.1/21M							
C 6.1 2038 2	CH ₃ C ₆ H ₃ (NO ₂) ₂ C ₇ H ₅ N ₂ O ₄ M = 182,14 g/mol assay (GC) 98% melting range 57—59 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
63531	2,4-Dinitro-m-xylene PROSYNTH® 2-4-Dinitro-m-xylène / 2,4-Dinitro-m-xileno	WG. 2901	100 g	44,75	38,05	35,80	33,60
A 6.1/21N							
C 6.1 1665 2	(NO ₂) ₂ C ₆ H ₂ (CH ₃) ₂ C ₈ H ₈ N ₂ O ₄ M = 196,16 g/mol assay (GC) 99% melting range 82—84 °C						
	 R: 23/24/25 S: 44 disposal: 20						
35781	Dinobuton min. 99% PESTANAL® (2-sec-Butyl-4,6-dinitrophenylisopropylcarbonate)	FL. 2921	1 g	28,25	24,—	22,60	21,20
A 6.1/82C							
C 6.1 / 2	(NO ₂) ₂ C ₆ H ₂ [CH(CH ₃)CH ₂ CH ₃]OC(O)OCH(CH ₃) ₂ C ₁₄ H ₁₈ N ₂ O ₇ M = 326,31 g/mol						
	 R: 23/24/25 S: 2-13-44 disposal: 7						
63452	Dinonyl ketone PROSYNTH® Dinonylcétone / Dinonilcetona	WG. 2913	10 g	27,75	23,60	22,20	20,80
	CH ₃ (CH ₂) ₈ CO(CH ₂) ₈ CH ₃ C ₁₉ H ₃₈ O M = 282,51 g/mol assay (GC) 98% melting range 56—58 °C						
39642	Dinonyl phthalate for gas chromatography Dinonyle phtalate / Dinonilo ftalato	FL. 2915	50 ml	59,50	50,60	47,60	44,20
	C ₆ H ₄ (COOC ₉ H ₁₉) ₂ C ₂₆ H ₄₂ O ₄ M = 418,62 g/mol 1 L ≈ 0,98 kg working temperature to 160 °C						
35767	Dinoseb min. 99% PESTANAL® (4,6-Dinitro-2-sec.-butylphenol)	FL. 2907	1 g	21,50	18,30	17,20	16,00
A 6.1/81C							
C 6.1 / 2	(NO ₂) ₂ C ₆ H ₂ (OH)CH(CH ₃)CH ₂ CH ₃ C ₁₀ H ₁₂ N ₂ O ₅ M = 240,22 g/mol						
	 R: 26/27/28 S: 1-13-44 disposal: 7						

EINECS-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)	
712 6.1/81C 6.1 1615 3	Dinoseb acetate min. 99% PESTANAL® (4,6-Dinitro-2-sec.-butylphenyl acetate) <chem>(NO2)2C6H2[CH(CH3)CH2CH3]OOCCH3</chem> <chem>C12H14N2O6</chem> $M = 282,25$ g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2914	2 g	56,50	48,05	45,20	42,40
2561	Diocylamine PROSYNTH® <i>Diocylamine / Diocilamina</i> <chem>CH3(CH2)7NH(CH2)7CH3</chem> <chem>C16H35N</chem> $M = 241,46$ g/mol 1 L ≈ 0,80 kg assay (GC) 97%	FL. 2922	100 ml	60,—	51,—	48,—	45,—
3454	Diocyl ether PROSYNTH® <i>Ether dioctylique / Eter dioctílico</i> <chem>[CH3(CH2)7]2O</chem> <chem>C16H34O</chem> $M = 242,44$ g/mol 1 L ≈ 0,81 kg assay (GC) 97% boiling range 284—286 °C refractive index (n_D^{20}) 1,433	FL. 2908	100 ml	54,50	46,35	43,60	40,90
3455	Diocyl ketone PROSYNTH® <i>Diocylcétone / Diocilcetona</i> <chem>CH3(CH2)7CO(CH2)7CH3</chem> <chem>C17H34O</chem> $M = 254,46$ g/mol assay (GC) 95% melting range 50—52 °C	WG. 2913	10 g	25,25	21,45	20,20	18,95
	Diocyl phthalate see Bis-(2-ethylhexyl) phthalate						
4952	Diocyltin dichloride PROSYNTH® <i>Diocylétain dichlorure / Diocilestaño dicloruro</i> <chem>(C8H17)2SnCl2</chem> <chem>C16H34Cl2Sn</chem> $M = 416,04$ g/mol assay (ex Sn) 96% melting range 42—44 °C  R: 23/24/25 S: 2-13-44 disposal: 10	WG. 2934	100 g	29,50	25,10	23,60	22,15
4953	Diocyltin oxide PROSYNTH® <i>Diocylétain oxyde / Diocilestaño óxido</i> <chem>(C8H17)2SnO</chem> <chem>C16H34OSn</chem> $M = 361,13$ g/mol assay (ex Sn) 97%  R: 23/24/25 S: 2-13-44 disposal: 10	WG. 2934	100 g	30,75	26,15	24,60	23,05
4992 3/5 3.2 1165 2 -5 °C	1,3-Dioxan PROSYNTH® <i>1-3-Dioxanne / 1,3-Dioxano</i> <chem>OCH2OCH2CH2CH2</chem> <chem>C4H8O2</chem> $M = 88,11$ g/mol 1 L ≈ 1,03 kg assay (GC) 99% boiling range 103—105 °C refractive index (n_D^{20}) 1,419   R: 11-19-20 S: 9-16-33 disposal: 5	FL. 2908	10 ml	34,—	28,90	27,20	25,50

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9
(1 Box) (4 Boxes) (16 Boxes)

33147 **1,4-Dioxan R. G., Reag. Ph. Eur. I, stabilized with 2,6-di-*tert.*-butyl-4-methylphenol (25 mg/l)**
A 3/5
C 3.2 1165 2 **1-4-Dioxanne / 1,4-Dioxano**
+5°C



C4H8O2 $M = 88,11$ g/mol

1 L \approx 1,03 kg

assay (GC) min. 99%
congealing range +9 to 11 °C
boiling range 100–102 °C
density (D_4^{20}) 1,031–1,034
refractive index (n_D^{20}) 1,4210–1,4240
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,1%
free acid (as CH3COOH) max. 0,001%
peroxides (as H2O2) max. 0,005%

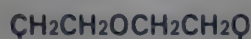


R: 11-19-20 S: 9-16-33
disposal: 5

FL.
FL.
EKL.
2908

1 L 52,— 44,20 40,55 36
2,5 L 109,— 90,45 85,— 81
30 kg kg 24,—

34944 **1,4-Dioxan R. G. dried (max. 0,01% H2O), stabilized with 2,6-di-*tert.*-butyl-4-methylphenol (2,5 mg/l)**
A 3/5
C 3.2 1165 2 **1-4-Dioxanne / 1,4-Dioxano**
+5°C



C4H8O2 $M = 88,11$ g/mol

1 L \approx 1,03 kg

assay (GC) min. 99,5%
congealing point +9 to 11 °C
boiling range 100–102 °C
density (D_4^{20}) 1,031–1,034
refractive index (n_D^{20}) 1,4210–1,4240
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,01%
free acid (as CH3COOH) max. 0,001%
free alkali (as NH3) max. 0,001%
peroxides (as H2O2) max. 0,005%

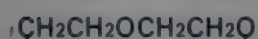


R: 11-19-20 S: 9-16-33
disposal: 5

FL.
2908

500 ml 35,25 29,95 28,20 27

56011 **1,4-Dioxan for scintillation, stabilized with 2,6-di-*tert.*-butyl-4-methylphenol (2,5 mg/l)**
A 3/5
C 3.2 1165 2 **1-4-Dioxanne / 1,4-Dioxano**
+5°C



C4H8O2 $M = 88,11$ g/mol

1 L \approx 1,03 kg

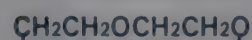


R: 11-19-20 S: 9-16-33
disposal: 5

FL.
2908

1 L 77,50 65,90 62,— 59

34916 **1,4-Dioxan SPECTRANAL® stabilized with 2,6-Di-*tert.*-butyl-4-methylphenol (2,5 mg/l)**
A 3/5
C 3.2 1165 2 **1-4-Dioxanne / 1,4-Dioxano**
+5°C



C4H8O2 $M = 88,11$ g/mol

1 L \approx 1,03 kg











assay (GC) min. 99,5%
non-volatile matter max. 0,0005%
free acid (as CH3COOH) max. 0,001%
water (acc. to Karl Fischer) max. 0,05%
peroxides (as H2O2) max. 0,005%
suitability for UV spectroscopy
transmittance (1 cm cell/reference: water)
transmittance/wavelength (nm):
min. 40%/225, min. 50%/240, min. 70%/260,
min. 85%/280, min. 93%/290, min. 98%/from 300



R: 11-19-20 S: 9-16-33
disposal: 5

FL.
2908

250 ml 37,75 32,10 30,20 28

857 3/5 3.2 1165 2 5°C	1,4-Dioxan CHROMASOLV® for chromatography (UV-detection) stabilized with 2,6-Di- <i>tert.</i> -butyl-4-methylphenol (2,5 mg/l) <i>1-4-Dioxanne / 1,4-Dioxano</i> <chem>CH2CH2OCH2CH2O</chem> $C_4H_8O_2$ $M = 88,11$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) min. 99,5% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,05% free acid (as CH_3COOH) max. 0,001% peroxides (as H_2O_2) max. 0,005% transmittance (1 cm cell; reference water) transmittance/wavelength (nm) min. 20%/220, 80%/270, min. 98%/from 300   R: 11-19-20 S: 9-16-33 disposal: 5	FL. 2908	1 L	117,50	99,90	94,—	90,50
4225 3/5 3.2 1165 2 5°C	1,4-Dioxan chem. pure, stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (25 mg/l) <i>1-4-Dioxanne / 1,4-Dioxano</i> <chem>CH2CH2OCH2CH2O</chem> $C_4H_8O_2$ $M = 88,11$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 99,5% boiling range 101—102 °C density (D_4^{20}) 1,031—1,034 refractive index (n_D^{20}) 1,4210—1,4240 non-volatile matter 0,002% water (according to Karl Fischer) 0,1% free acid (as CH_3COOH) 0,001% peroxides (as H_2O_2) 0,005%   R: 11-19-20 S: 9-16-33 disposal: 5	FL. FL. EKL. EKL. EKL. EKL. F. 2908	500 ml 1 L 30 kg 5x 10x 20x 210 kg	19,50 35,25 kg kg kg kg price on request	16,60 29,95 12,— 11,30 10,90 10,50	15,60 28,20	15,— 27,15
4224 3/5 3.2 1165 2 + 5°C	1,4-Dioxan stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (25 mg/l) <i>1-4-Dioxanne / 1,4-Dioxano</i> <chem>CH2CH2OCH2CH2O</chem> $C_4H_8O_2$ $M = 88,11$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 99% boiling range 101—103 °C density (D_4^{20}) 1,031—1,034 refractive index (n_D^{20}) 1,4210—1,4240 water (according to Karl Fischer) 0,2%   R: 11-19-20 S: 9-16-33 disposal: 5	FL. FL. EKL. EKL. F. 2908	1 L 2,5 L 30 kg 5x 210 kg	31,75 66,50 kg kg price on request	27,— 55,20 8,80 8,50	25,40 51,85	24,45 49,90
09049 A 3/5 3.2 1165 2 + 5°C	1,4-Dioxan-d_8 deuteration degree not less than 99 atom % D <i>1-4-Dioxanne-d_8 / 1,4-Dioxano-d_8</i> <chem>CD2CD2OCD2CD2O</chem> $C_4D_8O_2$ $M = 96,04$ g/mol $1\text{ L} \approx 1,15$ kg   R: 11-19-20 S: 9-16-33 disposal: 5	A. 2851	5 ml	202,—	171,70	161,60	151,50
34236 A 3/1A 3.2 1165 2 + 5°C	Dioxan/iso-butanol (70:30) clearing fluid for membrane foils-electrophoresis <i>Dioxanne/iso-butanol / Dioxano/iso-butanol</i> $1\text{ L} \approx 0,96$ kg   R: 11-19-20 S: 9-16-33 disposal: 6	FL. 3818	1 L	30,75	26,15	24,60	23,70
9,10-Dioxo-9,10-dihydroanthracene see Anthraquinone							
9,10-Dioxo-9,10-dihydrophenanthrene see Phenanthrenequinone-(9,10)							
9,10-Dioxo-2-ethyl-9,10-dihydroanthracene see 2-Ethylanthraquinone							

Code-Number
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24x

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(4 Boxes)

(16 B

2,4-Dioxoimidazolidine see Hydantoin

2,4-Dioxo-5-iminohexahydropyrimidine see 5-Aminouracil

1,3-Dioxoindane see Indanedione-(1,3)

62562

1,3-Dioxolane PROSYNTH®

A 3/5

1-3-Dioxolanne / 1,3-Dioxolano

C 3.2 1993 2

OCH2OCH2CH2

+20°C

C3H6O2 M = 74,08 g/mol

1 L ≈ 1,06 kg

assay (GC) 99%

boiling range 74–76 °C

refractive index (n_D^{20}) 1,401



R: 11 S: 16

disposal: 6

FL.

2910

100 ml

12,50

10,65

10,—

9

3,4-Dioxo-2-methyl-2,3-dihydro-1,4-pyran see 3-Hydroxy-2-methyl-1,4-pyrone

2,6-Dioxo-5-methylpyrimidine see Thymine

5,7-Dioxo-2-oxo-4-methyl-(1,2-chromene) see
5,7-Dihydroxy-4-methylcoumarin

1,3-Dioxo-1-phenylbutane see Benzoylacetone

1,3-Dioxo-2-phenylindane see 2-Phenylindanedione-(1,3)

1,3-Dioxoquinoline see Phthalimide

2,3-Dioxotetrahydroquinoxaline see
2,3-Dihydroxyquinoxalene

39401

L-β,γ-Dipalmitoyl-α-lecithin BIOSYNTH®

L-β,γ-Dipalmitoyle-α-lécithine / L-β,γ-Dipalmitoilo-α-
lecitina

package of 250 mg

2924

1 pack

71,50

60,80

57,20

53

C40H80NO8P M = 734,05 g/mol

63365

Dipentylamine PROSYNTH® (isomers mixture)

A 8/35

Dipentylamine / Dipentilamina

C 8 1760 2

C10H23N M = 157,30 g/mol

1 L ≈ 0,78 kg

+66°C

assay (ex N) 95%

FL.

2922

250 ml

26,25

22,30

21,—

19

Di-iso-pentyl ether see Di-iso-amyl ether

Dipentyl ketone see Undecanone-(6)

Diphenic acid see 2,2'-Biphenyldicarboxylic acid

Diphenyl see Biphenyl

62563

Diphenylacetaldehyde PROSYNTH®

Diphénylacétaldéhyde / Difenilacetaldehido

(C6H5)2CHCHO

C14H12O M = 196,25 g/mol

1 L ≈ 1,10 kg

assay (GC) 98%

boiling range (at 24 mbar) 175–178 °C

refractive index (n_D^{20}) 1,590

FL.

2911

25 ml

61,50

52,30

49,20

46

62571

Diphenylacetic acid PROSYNTH®

Acide diphénylacétique / Acido difenilacético

(C6H5)2CHCOOH

C14H12O2 M = 212,25 g/mol

assay (alkalimetric) 99%

melting range 146–148 °C

PF.

2914

100 g

22,—

18,70

17,60

16

62564

1,3-Diphenylacetone PROSYNTH®

1-3-Diphénylacétone / 1,3-Difenilacetona

(C6H5CH2)2CO

C16H14O M = 210,28 g/mol

assay (GC) 99%

melting range 32–34 °C

WG.

2913




100 g

44,75

38,05

35,80

33

Code-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
565	Diphenylacetonitrile PROSYNTH® <i>Diphénylacétonitrile / Difenilacetitrilo</i> (C ₆ H ₅) ₂ CHCN C ₁₄ H ₁₁ N M = 193,25 g/mol assay (GC) 99% melting range 72–74 °C	PF. 2927	100 g	26,25	22,30	21,—	19,70
331	Diphenylacetylene PROSYNTH® <i>Diphénylacétylène / Difenilacetileno</i> C ₆ H ₅ C≡CC ₆ H ₅ C ₁₄ H ₁₀ M = 178,23 g/mol assay (UV) 99% melting range 59–61 °C log ε/280 (C ₂ H ₅ OH) 4,505	WG. 2901	10 g	64,—	54,40	51,20	48,—
149	Diphenylamine R. G., Reag. ACS, Reag. Ph. Eur. I <i>Diphénylamine / Difenilamina</i> (C ₆ H ₅) ₂ NH C ₁₂ H ₁₁ N M = 169,23 g/mol assay min. 98% melting range 52,5–54,0 °C insoluble in ethanol max. 0,01% sulphated ash max. 0,03% iron (Fe) max. 0,001% nitrate (NO ₃) passes test aniline passes test	WG. 2922	100 g 250 g	13,75 28,50	11,70 24,25	11,— 22,80	10,30 21,40
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 19						
0158	Diphenylamine PROSYNTH® <i>Diphénylamine / Difenilamina</i> (C ₆ H ₅) ₂ NH C ₁₂ H ₁₁ N M = 169,23 g/mol assay (GC) 99% melting range 52–54 °C	WG. 2922	250 g 1 kg	9,75 24,25	8,30 20,60	7,80 19,40	7,30 18,65
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 19						
0159	Diphenylamine-2-carboxylic acid PROSYNTH® <i>Acide diphénylaminocarboxylique-(2) / Acido difenilaminocarboxilico-(2)</i> C ₆ H ₅ NHC ₆ H ₄ COOH C ₁₃ H ₁₁ NO ₂ M = 213,24 g/mol assay (alkalimetric) 97% melting range 178–182 °C (disint.)	PF. 2923	250 g 1 kg	118,— 393,—	100,30 334,05	94,40 314,40	88,50 302,60
33916	Diphenylaminesulphonic acid barium salt redox indicator <i>Acide diphénylaminosulfonique sel de baryum / Acido difenilaminosulfónico sal de bario</i> (C ₆ H ₅ NHC ₆ H ₄ SO ₃) ₂ Ba C ₂₄ H ₂₀ BaN ₂ O ₆ S ₂ M = 633,89 g/mol	PF. 2922	25 g	107,—	90,95	85,60	80,25
	 R: 20/22 S: 28 disposal: 24						
33150	Diphenylaminesulphonic acid sodium salt Reag. ACS indicator for the determination of the redox potential, E ₀ in H ₂ SO ₄ 1 mol/l about +0,83 volt; rH 27–29 <i>Acide diphénylaminosulfonique sel sodique / Acido difenilaminosulfónico sal sódica</i> C ₆ H ₅ NHC ₆ H ₄ SO ₃ Na C ₁₂ H ₁₀ NNaO ₃ S M = 271,27 g/mol	WG. 2922	10 g 25 g	35,75 80,—	30,40 68,—	28,60 64,—	26,80 60,—
	Diphenylbenzene see Terphenyl						

Code-Number
A) RID/ADR
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Type of package
B.T.N.

Price per package DM 1x 6x 24x 9
(1 Box) (4 Boxes) (16 Boxes)

33184	N,N'-Diphenylbenzidine R. G. <i>N-N'-Diphénylbenzidine / N,N'-Difenilbencidina</i> <chem>C6H5NHC6H4C6H4NHC6H5</chem> <chem>C24H20N2</chem> $M = 336,44$ g/mol melting range 244—246 °C sulphated ash max. 0,1 %	WG. 2922	10 g	37,75	32,10	30,20	28
62569	1,4-Diphenylbutadiene-(1,3) PROSYNTH® <i>1-4-Diphénylbutadiène-(1-3) / 1,4-Difenilbutadieno-(1,3)</i> <chem>C6H5CH=CHCH=CHC6H5</chem> <chem>C16H14</chem> $M = 206,29$ g/mol melting range 150—152 °C	WG. 2901	10 g	29,75	25,30	23,80	22
62570	N,N-Diphenylcarbamoyl chloride PROSYNTH® <i>N-N-Diphénylcarbamoyle chlorure / N,N-Difenicarbamoilo cloruro</i> <chem>(C6H5)2NCOCI</chem> <chem>C13H10ClNO</chem> $M = 231,68$ g/mol assay (ex Cl) 98 % melting range 83—85 °C	WG. 2925	100 g	86,—	73,10	68,80	64
33152	Diphenylcarbazine R. G., Reag. Ph. Eur. I <i>Diphénylcarbazine / Difenilcarbazona</i> <chem>CO(NHNHC6H5)2</chem> <chem>C13H14N4O</chem> $M = 242,28$ g/mol assay (HPLC) min. 98 % melting range 170—171 °C insoluble in ethanol passes test sulphated ash max. 0,05 % diphenylcarbazozone passes test suitability for determination of mercury passes test	WG. WG. WG. 2929	10 g 25 g 100 g	13,75 23,25 72,—	11,70 19,75 61,20	11,— 18,60 57,60	10 17 54
33153	Diphenylcarbazone R. G. <i>Diphénylcarbazone / Difenilcarbazona</i> <chem>C6H5NHNHCONNC6H5</chem> <chem>C13H12N4O</chem> $M = 240,26$ g/mol insoluble in ethanol passes test sulphated ash max. 0,1 % suitability for determination of mercury passes test	WG. WG. WG. 2929	5 g 10 g 100 g	12,50 18,— 135,50	10,65 15,30 115,20	10,— 14,40 108,40	9 13 101
	1,5-Diphenylcarbohydrazide see Diphenylcarbazine						
62717	Diphenyl carbonate PROSYNTH® <i>Diphényle carbonate / Difenilo carbonato</i> <chem>(C6H5O)2CO</chem> <chem>C13H10O3</chem> $M = 214,22$ g/mol assay (alkalimetric) 98 % melting range 78—80 °C	PF. 2921	500 g	19,75	16,80	15,80	15,2
62339 A 6.1/81A C 8.1 1893 3	Diphenyl chlorophosphate PROSYNTH® <i>Diphényle chlorophosphate / Difenilo clorofosfato</i> <chem>(C6H5O)2P(=O)Cl</chem> <chem>C12H10ClO3P</chem> $M = 268,64$ g/mol $1\text{ L} \approx 1,30\text{ kg}$ assay (ex Cl) 95 % boiling range (at 16 mbar) 191—194 °C refractive index (n_D^{20}) 1,550	FL. 2919	100 ml	75,—	63,75	60,—	56,2
	Diphenyldiimide see Azobenzene						
	4,5-Diphenyl-1,3-dioxolone-(2) see 1,2-Diphenylvinylencarbonate						
64567	Diphenyl disulfide PROSYNTH® <i>Diphényle disulfure / Difenilo disulfuro</i> <chem>C6H5SSC6H5</chem> <chem>C12H10S2</chem> $M = 218,34$ g/mol assay (ex S) 97 % melting range 58—60 °C	WG. 2931	100 g	39,25	33,35	31,40	29,4
	1,4-Diphenyl-3,5-endanilo-1,2,4-triazoline see Nitron						
	Diphenylene oxide see Dibenzofuran						

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
	Diphenylene sulphide see Dibenzothiophene						
456	1,1-Diphenylethanol PROSYNTH® <i>1-1-Diphényléthanol / 1,1-Difeniletanol</i> $\text{CH}_3\text{C}(\text{C}_6\text{H}_5)_2\text{OH}$ $\text{C}_{14}\text{H}_{14}\text{O}$ $M = 198,26 \text{ g/mol}$	WG. 2905	10 g	36,—	30,60	28,80	27,—
157 5 °C	Diphenyl ether PROSYNTH® (diphenyl oxide) <i>Ether diphénylique / Eter difenílico</i> $(\text{C}_6\text{H}_5)_2\text{O}$ $\text{C}_{12}\text{H}_{10}\text{O}$ $M = 170,21 \text{ g/mol}$ $1 \text{ L} \approx 1,16 \text{ kg}$ assay (GC) 99% melting range 25—27 °C	FL. 2908	1 kg	36,—	30,60	28,80	27,70
1566	1,2-Diphenylethylamine PROSYNTH® <i>Diphényl-1-2-éthylamine / 1,2-Difeniletilamina</i> $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{NH}_2)\text{C}_6\text{H}_5$ $\text{C}_{14}\text{H}_{15}\text{N}$ $M = 197,28 \text{ g/mol}$ $1 \text{ L} \approx 1,04 \text{ kg}$ assay (GC) 98% boiling range (at 1000 mbar) 309—311 °C refractive index (n_D^{20}) 1,581	FL. 2922	50 ml	55,50	47,20	44,40	41,65
2566	1,1-Diphenylethylene PROSYNTH® <i>1-1-Diphényléthylène / 1,1-Difeniletileno</i> $(\text{C}_6\text{H}_5)_2\text{C} = \text{CH}_2$ $\text{C}_{14}\text{H}_{12}$ $M = 180,25 \text{ g/mol}$ $1 \text{ L} \approx 1,03 \text{ kg}$ assay (GC) 97% boiling range 274—277 °C refractive index (n_D^{20}) 1,608	FL. 2901	50 ml	184,—	156,40	147,20	138,—
	<i>cis</i> -1,2-Diphenylethylene see <i>cis</i> -Stilbene						
	1,2-Diphenylethylene see <i>trans</i> -Stilbene						
2567	N,N'-Diphenylethylenediamine PROSYNTH® <i>N-N'-Diphényléthylènediamine / N,N'-Difeniletilendiamina</i> $\text{C}_6\text{H}_5\text{NHCH}_2\text{CH}_2\text{NHC}_6\text{H}_5$ $\text{C}_{14}\text{H}_{16}\text{N}_2$ $M = 212,29 \text{ g/mol}$ assay 98% melting range 64—66 °C	WG. 2922	10 g	16,25	13,80	13,—	12,20
0417	N,N'-Diphenylformamidine PROSYNTH® <i>N-N'-Diphénylformamidine / N,N'-Difenilformamidina</i> $\text{C}_{13}\text{H}_{12}\text{N}_2$ $M = 196,25 \text{ g/mol}$ assay 97% melting range 136—138 °C	PF. 2926	400 g	105,—	89,25	84,—	78,75
34065	N,N'-Diphenylformamidine hydrochloride PROSYNTH® <i>N-N'-Diphénylformamidine chlorhydrate / N,N'-Difenilformamidina clorhidrato</i> $\text{C}_6\text{H}_5\text{NHCH} = \text{NC}_6\text{H}_5 \cdot \text{HCl}$ $\text{C}_{13}\text{H}_{13}\text{ClN}_2$ $M = 232,71 \text{ g/mol}$ assay (ex N) 99% melting range 259—260 °C	WG. 2926	25 g	27,75	23,60	22,20	20,80
	Diphenylglycollic acid see Benzilic acid						
64568	5,5-Diphenylhydantoin PROSYNTH® <i>Diphényl-5-5-hydantoïne / 5,5-Difenilhidantoína</i> $\text{NHCONHCO}_2\text{C}(\text{C}_6\text{H}_5)_2$ $\text{C}_{15}\text{H}_{12}\text{N}_2\text{O}_2$ $M = 252,27 \text{ g/mol}$ assay (HPLC) 98% melting range 291—294 °C	PF. 2925	250 g	31,75	27,—	25,40	23,80
	N,N'-Diphenylhydrazine see Hydrazobenzene						
64066	1,1-Diphenylhydrazine PROSYNTH® <i>1-1-Diphénylhydrazine / 1,1-Difenilhidracina</i> $(\text{C}_6\text{H}_5)_2\text{NNH}_2$ $\text{C}_{12}\text{H}_{12}\text{N}_2$ $M = 184,24 \text{ g/mol}$	FL. 2929	5 g	29,25	24,85	23,40	21,95

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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x


24x





9x








(1 Box)


(4 Boxes)

(16 Boxes)

62572	N,N-Diphenylhydrazinium chloride PROSYNTH® <i>N-N-Diphénylhydrazine chlorhydrate / N,N-Difenilhidracina clorhidrato</i> (C ₆ H ₅) ₂ NNH ₂ · HCl C ₁₂ H ₁₃ ClN ₂ M = 220,70 g/mol assay (ex Cl) 98% melting range 162–164 °C (disint.)	WG. 2929	10 g	22,50	19,15	18,—	16
64993	Diphenyliodonium chloride PROSYNTH® <i>Diphényliodonium chlorure / Difenilyodonio cloruro</i> C ₆ H ₅ I(Cl)C ₆ H ₅ C ₁₂ H ₁₀ ClI M = 316,57 g/mol assay (ex Cl) 99% melting range 225–230 °C (disint.)	WG. 2902	5 g	38,25	32,50	30,60	28
62575 A 6.1/53 C 6.1 2025 2	Diphenylmercury PROSYNTH® <i>Diphénylmercure / Difenilmercurio</i> (C ₆ H ₅) ₂ Hg C ₁₂ H ₁₀ Hg M = 354,80 g/mol melting range 124–126 °C  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10	WG. 2933	25 g	36,75	31,25	29,40	27
62573	Diphenylmethane PROSYNTH® <i>Diphénylméthane / Difenilmetano</i> (C ₆ H ₅) ₂ CH ₂ C ₁₃ H ₁₂ M = 168,24 g/mol 1 L ≈ 1,01 kg assay (GC) 99% melting range 24–26 °C Diphenylmethylethanol see 1,1-Diphenylethanol Diphenylmethyl chloride see Chlorodiphenylmethane	FL. 2901	1 L	60,—	51,—	48,—	46
64067	Diphenylolcyclohexane PROSYNTH® <i>Diphénylolcyclohexane / Difenilolciclohexano</i> C ₁₈ H ₂₀ O ₂ M = 268,35 g/mol assay (HPLC) 95% Diphenyl-oxide see Diphenyl ether 4,7-Diphenyl-1,10-phenanthroline see Bathophenanthroline 4,7-Diphenyl-1,10-phenanthroline disulphonic acid disodium salt see Bathophenanthroline disulphonic acid disodium salt	WG. 2906	50 g	32,50	27,65	26,—	24
62574 A 6.1/21H C 6.1 2811 3	N,N'-Diphenyl-p-phenylenediamine PROSYNTH® <i>N-N'-Diphényl-p-phénylènediamine / N,N'-Difenil-p-fenilendiamina</i> C ₆ H ₅ NHC ₆ H ₄ NHC ₆ H ₅ C ₁₈ H ₁₆ N ₂ M = 260,34 g/mol Diphenyl phosphorochloridate see Diphenyl chlorophosphate Diphenylphosphoryl chloride see Diphenyl chlorophosphate 1,3-Diphenylpropanedione-(1,3) see Dibenzoylmethane	WG. 2922	250 g	24,75	21,05	19,80	18,5
62576 A 6.1/21 C 6.1 2810 3	Diphenyl sulphide PROSYNTH® <i>Diphényle sulfure / Difenilo sulfuro</i> (C ₆ H ₅) ₂ S C ₁₂ H ₁₀ S M = 186,28 g/mol 1 L ≈ 1,12 kg assay (GC) 99% boiling range (at 0,13 mbar) 97–99 °C refractive index (n _D ²⁰) 1,633	FL. 2931	100 ml	119,—	101,15	95,20	89,2

le-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
577	Diphenylsulphone PROSYNTH® <i>Diphénylsulfone / Difenilsulfona</i> $(C_6H_5)_2SO_2$ $C_{12}H_{10}O_2S$ $M = 218,28$ g/mol	PF. 2931	500 g	22,50	19,15	18,—	17,35
569	Diphenyl sulphoxide PROSYNTH® <i>Diphényle sulfoxyde / Difenilo sulfóxido</i> $(C_6H_5)_2SO$ $C_{12}H_{10}OS$ $M = 202,28$ g/mol assay (ex S) 97% melting range 68—70 °C	WG. 2931	50 g	52,50	44,65	42,—	39,40
Diphenylthiocarbazon see Dithizone							
5216	Diphenylthiourea technical <i>Diphénylthiourée / Difeniltiourea</i> $(C_6H_5NH)_2CS$ $C_{13}H_{12}N_2S$ $M = 228,32$ g/mol  R: 26/27/28-39 S: 1-13-45 disposal: 6	PF. 2931	1 kg	38,25	32,50	30,60	29,45
3076	1,2-Diphenylvinylencarbonate BIOSYNTH® <i>1-2-Diphénylvinylèncarbonate / Difenil-1,2-vinilenocarbonato</i> $QC(O)OC(C_6H_5)=CC_6H_5$ $C_{15}H_{10}O_3$ $M = 238,24$ g/mol assay (GC) 99% melting range 74—76 °C	WG. 2921	10 g	60,—	51,—	48,—	45,—
Diphosphopyridine dinucleotide see Nicotinamide adenine dinucleotide							
0352	Diphosphoric acid PROSYNTH® cryst. <i>Acide diphosphorique / Acido difosfórico</i> $H_4P_2O_7$ $M = 177,97$ g/mol assay 95% H_3PO_4 2% higher polyphosphates 3%  R: 34 S: 26 disposal: 1	WG. 2810	500 g	65,50	55,70	52,40	50,45
4125	Diphosphoric acid <i>Acide diphosphorique / Acido difosfórico</i> plastic bottle of 250 g $H_4P_2O_7$ $M = 177,97$ g/mol assay of phosphorus(V) oxide (P_2O_5) 80% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,003% sulphate (SO_4) 0,005%  R: 34 S: 26 disposal: 1	2810	1 pack	24,75	21,05	19,80	18,55
4126	Diphosphoric acid <i>Acide diphosphorique / Acido difosfórico</i> plastic bottle of 1 kg $H_4P_2O_7$ $M = 177,97$ g/mol assay of phosphorus(V) oxide (P_2O_5) 80% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,003% sulphate (SO_4) 0,005%  R: 34 S: 26 disposal: 1	2810	1 pack	57,50	48,90	46,—	43,15




Code-Number A) RID/ADR B) GGVE/GGVs C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (6 Boxes)	24x (24 Boxes)	96 (96 Boxes)
04127 C 8 1760 2	Diphosphoric acid <i>Acide diphosphorique / Acido difosfórico</i> plastic bottle of 5 kg H ₄ P ₂ O ₇ M = 177,97 g/mol assay of phosphorus(V) oxide (P ₂ O ₅) 80% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,003% sulphate (SO ₄) 0,005%  R: 34 S: 26 disposal: 1 Diphosphorus pentoxide see Phosphorus(V) oxide 2,6-Dipicolinic acid see 2,6-Pyridinedicarboxylic acid	2810	1 pack	218,—	185,30	174,40	163
33168 C 1.1 0079	Dipicrylamine R. G., (with 0,5 ml H₂O/g) <i>Dipicrylamine / Dipicrilamina</i> (NO ₂) ₃ C ₆ H ₂ NHC ₆ H ₂ (NO ₂) ₃ C ₁₂ H ₅ N ₇ O ₁₂ M = 439,21 g/mol assay (for dry substance) min. 99% melting range 243—244 °C Dipotassium hydrogen phosphate see di-Potassium hydrogen phosphate   R: 2-4-23/24/25 S: 28-35-37-44 disposal: 20	PF. 2922	25 g	38,50	32,75	30,80	28
62578	Di-iso-propanolamine PROSYNTH® <i>Di-iso-propanolamine / Di-iso-propanolamina</i> (CH ₃ CHOHCH ₂) ₂ NH C ₆ H ₁₅ NO ₂ M = 133,19 g/mol assay (GC) 98% melting range 42—45	FL. 2923	1 kg	24,—	20,40	19,20	18
64573 A 3/1A C 3.2 2383 2 -7 °C	Dipropylamine PROSYNTH® <i>Dipropylamine / Dipropilamina</i> (C ₃ H ₇) ₂ NH C ₆ H ₁₅ N M = 101,19 g/mol 1 L ≈ 0,74 kg assay (GC) 99% boiling range 109—111 °C refractive index (n _D ²⁰) 1,405   R: 11-36/37/38 S: 9-16 disposal: 19	FL. 2922	500 ml	20,75	17,65	16,60	16
62580 A 3/1A C 3.2 2383 2 -7 °C	Di-iso-propylamine PROSYNTH® <i>Di-iso-propylamine / Di-iso-propilamina</i> (CH ₃) ₂ CHNHCH(CH ₃) ₂ C ₆ H ₁₅ N M = 101,19 g/mol 1 L ≈ 0,72 kg assay (GC) 98% boiling range 82—84 °C refractive index (n _D ²⁰) 1,392   R: 11-36/37/38 S: 9-16 disposal: 19	FL. 2922	1 L	28,25	24,—	22,60	21,
64499	Di-iso-propyl azodicarboxylate PROSYNTH® <i>Di-iso-propyle azodicarboxylate / Di-iso-propilo azodicarboxilato</i> C ₈ H ₁₄ N ₂ O ₄ M = 202,21 g/mol (CH ₃) ₂ CHOCON = NCOOCH(CH ₃) ₂ 1 L ≈ 1,04 kg assay (GC) 95% boiling range (at 17 mbar) 105—107 °C refractive index (n _D ²⁰) 1,421	FL. 2928	100 ml	43,75	37,20	35,—	32,




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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
424	1,3-Di-iso-propylbenzene PROSYNTH® <i>1-3-Di-iso-propylbenzène / 1,3-Di-iso-propilbenceno</i> (CH ₃) ₂ CHC ₆ H ₄ CH(CH ₃) ₂ C ₁₂ H ₁₈ M = 162,27 g/mol 1 L ≈ 0,86 kg assay (GC) 96% 1,2-isomer 3% 1,4-isomer 1%	FL. 2901	1 L	35,—	29,75	28,—	26,95
425	1,4-Di-iso-propylbenzene PROSYNTH® <i>1-4-Di-iso-propylbenzène / 1,4-Di-iso-propilbenceno</i> (CH ₃) ₂ CHC ₆ H ₄ CH(CH ₃) ₂ C ₁₂ H ₁₈ M = 162,28 g/mol 1 L ≈ 0,86 kg assay(GC) 92% 1,3-isomer 5%	FL. 2901	1 L	43,75	37,20	35,—	33,70
Dipropylcarbinol see Heptanol-(4)							
1574	N,N'-Di-iso-propylcarbodiimide PROSYNTH® <i>N-N'-Di-iso-propylcarbodiimide / N,N'-Di-iso-propilcarbodiimida</i> (CH ₃) ₂ CHN = C = NCH(CH ₃) ₂ C ₇ H ₁₄ N ₂ M = 126,20 g/mol 1 L ≈ 0,82 kg assay (GC) 97% boiling range 145—148 °C refractive index (n _D ²⁰) 1,434	FL. 2926	10 ml	18,—	15,30	14,40	13,50
R: 10 disposal: 6							
2581	Dipropylene glycol mixture of isomers PROSYNTH® <i>Dipropylèneglycol / Dipropilenglicol</i> CH ₃ CH(OH)CH ₂ OCH ₂ CH(OH)CH ₃ C ₆ H ₁₄ O ₃ M = 134,17 g/mol 1 L ≈ 1,03 kg assay (GC) 97% boiling range 228—230 °C refractive index (n _D ²⁰) 1,441	FL. 2908	1 L	15,50	13,20	12,40	11,95
3159	Di-iso-propyl ether R. G. stabilized with 2,6-di-tert.-butyl-4-methyl-phenol (5 mg/l) <i>Ether di-iso-propylique / Eter di-iso-propílico</i> (CH ₃) ₂ CHOCH(CH ₃) ₂ C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,72 kg assay (GC) min. 99% boiling range 66—69 °C density (D ₄ ²⁰) 0,723—0,726 refractive index (n _D ²⁰) 1,3660—1,3700 non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,01 % free acid (as CH ₃ CH ₂ COOH) max. 0,05 % aluminium (Al) max. 0,00005 % barium (Ba) max. 0,00001 % lead (Pb) max. 0,00001 % boron (B) max. 0,000002 % cadmium (Cd) max. 0,000005 % calcium (Ca) max. 0,00005 % chromium (Cr) max. 0,000002 % iron (Fe) max. 0,00001 % cobalt (Co) max. 0,000002 % copper (Cu) max. 0,000002 % magnesium (Mg) max. 0,00001 % manganese (Mn) max. 0,000002 % nickel (Ni) max. 0,000002 % zinc (Zn) max. 0,00001 % tin (Sn) max. 0,00001 % peroxides (as H ₂ O ₂) max. 0,001 %	FL. FL. 2908	1 L 2,5 L	14,25 29,50	12,10 24,50	11,40 23,—	10,95 22,15
<div>  <div> R: 11-19 S: 9-16-33 disposal: 6 </div> </div>							


Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes)

24241	Di-iso-propyl ether stabilized with 2,6-di-tert.-butyl-4-methylphenol (5 mg/l)	FL.	1 L	12,75	10,85	10,20	9
A 3/1A		FL.	2,5 L	26,25	21,80	20,50	19
C 3.1 1159 2	Ether di-iso-propylique / Eter di-iso-propilico	EKL.	20 kg	kg	5,60		
-22 °C	(CH ₃) ₂ CHOCH(CH ₃) ₂	F.	147 kg	kg	4,70		
	C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,72 kg	2908					
	assay (GC) 98%						
	boiling range 66–69 °C						
	density (D ₄ ²⁰) 0,723–0,726						
	refractive index (n _D ²⁰) 1,3660–1,3700						
	non-volatile matter 0,005%						
	water (according to Karl Fischer) 0,5%						
64572	N,N-Di-iso-propylethylamine PROSYNTH®	FL.	250 ml	46,50	39,55	37,20	34
A 3/1A	N,N-Di-iso-propyléthylamine / N,N-Di-iso-propiletilamina	2922					
C 3.2 1993 2	[(CH ₃) ₂ CH] ₂ NCH ₂ CH ₃						
-3 °C	C ₈ H ₁₉ N M = 129,24 g/mol 1 L ≈ 0,75 kg						
	assay (GC) 98%						
	boiling range 125–127 °C						
	refractive index (n _D ²⁰) 1,413						
	  R: 11-36/37/38 S: 9-16 disposal: 19						
	Dipropyl ketone see Heptanone-(4)						
	Di-iso-propyl ketone see 2,4-Dimethylpentanone-(3)						
63426	2,6-Di-iso-propylphenol PROSYNTH®	FL.	100 ml	25,75	21,90	20,60	19
A 6.1/13C	2,6-Di-iso-propylphénol / 2,6-Di-iso-propilfenol	2906					
C 6.1 2810 2	[(CH ₃) ₂ CH] ₂ C ₆ H ₃ OH						
	C ₁₂ H ₁₈ O M = 178,27 g/mol 1 L ≈ 0,95 kg						
	assay (GC) 90%						
64142	Di-iso-propyl phosphite PROSYNTH®	FL.	250 ml	26,75	22,75	21,40	20
A 6.1/81A	Di-iso-propyle phosphite / Di-iso-propilo fosfito	2919					
C 6.1 1609 3	[(CH ₃) ₂ CHO] ₂ P(O)H						
	C ₆ H ₁₅ O ₃ P M = 166,16 g/mol						
	boiling range (at 13 mbar) 72–75 °C						
	Dipropyl sulphide-3,3'-dicarboxylic acid see 4,4'-Dithiodibutyric acid						
	4,4'-Dipyridine see 4,4'-Bipyridine						
	2,2'-Dipyridyl see 2,2'-Bipyridine						
63459	2,2'-Dipyridylamine PROSYNTH®	WG.	10 g	28,75	24,45	23,—	21
	2,2'-Dipyridylamine / 2,2'-Dipiridilamina	2935					
	<u>N=CHCH=CHCH=CNHC=CHCH=CHCH=N</u>						
	C ₁₀ H ₉ N ₃ M = 171,20 g/mol						
	assay 99%						
	melting range 90–92 °C						
	Direct red 2 see Benzopurpurine 6 B						
	Direct red 28 see Congo red						
31821	Disintegrating mixture for nitrogen determination	FL.	1 L	14,50	12,35	11,60	11
A 8/1A	Mélange de désagrégation / Mezcla desintregadora	3819					
C 8 1831 1	1 L ≈ 1,76 kg						
	 R: 35 S: 2-26-30 disposal: 11						
	Disodium hydrogen phosphate see di-Sodium hydrogen phosphate						
	Disodium monomolybdate see Sodium molybdate						
	Disodium pentacyanonitrosylferrate see Sodium nitroprusside						
	Disodium phenylphosphate see di-Sodium phenylphosphate						
	Disodium tetraborate see Sodium tetraborate						

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				(1 Box)	(4 Boxes)	(16 Boxes)	(18 Boxes)
35721	Diuron min. 99% PESTANAL® [3-(3,4-Dichlorophenyl)-1,1-dimethyl urea] <chem>Cl2C6H3NHCON(CH3)2</chem> <chem>C9H10Cl2N2O</chem> $M = 233,10$ g/mol  R: 36/37/38 S: 2-13 disposal: 7	FL. 2925	1 g	21,50	18,30	17,20	16
62585	Divinylbenzene solution mixture of isomers 70% in ethylvinylbenzene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>Divinylbenzène en solution / Divinilbenceno en solución</i> <chem>C10H10</chem> $M = 130,19$ g/mol 1 L \approx 0,91 kg assay (GC) 70% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2901	1 L	42,75	36,35	34,20	32
35716	2,4-D-methyl ester min. 99% PESTANAL® (2,4-Dichlorophenoxy acetic acid methyl ester) <chem>Cl2C6H3OCH2COOCH3</chem> <chem>C9H8Cl2O3</chem> $M = 235,07$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	17,50	14,90	14,—	13
DMSO see Dimethyl sulphoxide							
35713	DNOC min. 99% PESTANAL® (2,4-Dinitro-6-methylphenol) <chem>(NO2)2C6H2(OH)CH3</chem> <chem>C7H6N2O5</chem> $M = 198,13$ g/mol  R: 26/27/28-33 S: 1-13-28-45 disposal: 7	FL. 2907	1 g	21,50	18,30	17,20	16
62587	Docosane PROSYNTH® <i>Docosane / Docosano</i> <chem>CH3(CH2)20CH3</chem> <chem>C22H46</chem> $M = 310,61$ g/mol assay (GC) 98% melting range 42—44 °C	PF. 2901	100 g	60,—	51,—	48,—	45
62588	1-Docosanol PROSYNTH® <i>Docosanol-1 / 1-Docosanol</i> <chem>CH3(CH2)21OH</chem> <chem>C22H46O</chem> $M = 326,60$ g/mol assay (GC) 97% melting range 69—71 °C	PF. 2904	50 g	29,50	25,10	23,60	22
64068	1-Docosene PROSYNTH® <i>Docosène-1 / 1-Docoseno</i> <chem>CH3(CH2)19CH=CH2</chem> <chem>C22H44</chem> $M = 308,59$ g/mol assay (GC) 95% melting range 35—37 °C	WG. 2901	50 g	46,—	39,10	36,80	34
<i>cis</i> -13-Docosenoic acid see Erucic acid							
Docosoic acid see Behenic acid							
Docosyl alcohol see Docosanol-(1)							
Dodecadeuterocyclohexane see Cyclohexane-D ₁₂							
Dodecadeuterotetramethylurea see Tetramethylurea-D ₁₂							
62589	Dodecamethylenediamine PROSYNTH® <i>Dodécaméthylènediamine / Dodecametilendiamina</i> <chem>NH2(CH2)12NH2</chem> <chem>C12H26N2</chem> $M = 200,37$ g/mol assay (ex N) 99% melting range 67—69 °C	PF. 2922	100 g	37,25	31,65	29,80	27,8
Dodecanal see Lauraldehyde							

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532	★ Dodecane PROSYNTH® <i>Dodécane / Dodecano</i> CH ₃ (CH ₂) ₁₀ CH ₃ C ₁₂ H ₂₆ M = 170,34 g/mol 1 L ≈ 0,75 kg assay (GC) 99% boiling range 215–217 °C refractive index (n _D ²⁰) 1,422	FL. 2901	100 ml	23,—	19,55	18,40	17,25
2257	n-Dodecane min. 99,9% for gas chromatography <i>n-Dodécane / n-Dodecano</i> CH ₃ (CH ₂) ₁₀ CH ₃ C ₁₂ H ₂₆ M = 170,34 g/mol 1 L ≈ 0,75 kg Dodecanecarboxylic acid see Tridecanoic acid	FL. 2901	5 ml	49,25	41,85	39,40	36,95
4578	Dodecanedioic acid PROSYNTH® <i>Acide dodécanedioïque / Acido dodecanodióico</i> HOOC(CH ₂) ₁₀ COOH C ₁₂ H ₂₂ O ₄ M = 230,30 g/mol assay (GC) 98% melting range 127–129 °C	WG. 2915	100 g	22,50	19,15	18,—	16,90
2592	1-Dodecanethiol PROSYNTH® <i>Dodécanethiol-1 / 1-Dodecanotiol</i> CH ₃ (CH ₂) ₁₁ SH C ₁₂ H ₂₆ S M = 202,40 g/mol 1 L ≈ 0,84 kg assay (GC) 98% boiling range (at 1,6 mbar) 116–119 °C refractive index (n _D ²⁰) 1,460  R: 20/21/22 S: 28 disposal: 15 Dodecanoic acid see Lauric acid	FL. 2931	1 L	52,—	44,20	41,60	40,05
2590	1-Dodecanol PROSYNTH® <i>Dodécanol-1 / 1-Dodecanol</i> CH ₃ (CH ₂) ₁₁ OH C ₁₂ H ₂₆ O M = 186,34 g/mol 1 L ≈ 0,83 kg assay (GC) 99% congealing range 23–25 °C	FL. 2904	250 ml	11,50	9,80	9,20	8,65
4974	2-Dodecanol PROSYNTH® <i>Dodécanol-2 / 2-Dodecanol</i> CH ₃ (CH ₂) ₉ CH(OH)CH ₃ C ₁₂ H ₂₆ O M = 186,34 g/mol 1 L ≈ 0,83 kg assay (GC) 95% boiling range (at 12 mbar) 121–124 °C refractive index (n _D ²⁰) 1,440	FL. 2904	5 ml	27,—	22,95	21,60	20,25
30830	2-Dodecanone min. 99,9% for gas chromatography <i>Dodécanone-2 / 2-Dodecanona</i> CH ₃ (CH ₂) ₉ COCH ₃ C ₁₂ H ₂₄ O M = 184,32 g/mol 1 L ≈ 0,81 kg	FL. 2913	5 ml	49,25	41,85	39,40	36,95
30831	3-Dodecanone min. 99,9% for gas chromatography <i>Dodécanone-3 / 3-Dodecanona</i> CH ₃ (CH ₂) ₈ COCH ₂ CH ₃ C ₁₂ H ₂₄ O M = 184,32 g/mol 1 L ≈ 0,83 kg Dodecanone-(5) see Butyl heptyl ketone Dodecanoyl chloride see Lauroxyl chloride	FL. 2913	5 ml	49,25	41,85	39,40	36,95

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM





1x

6x
(1 Box)

24x
(4 Boxes)

9
(16 Boxes)



64579	1-Dodecene PROSYNTH® <i>Dodécène-1 / 1-Dodeceno</i> $\text{CH}_3(\text{CH}_2)_9\text{CH}=\text{CH}_2$ $\text{C}_{12}\text{H}_{24}$ $M = 168,32$ g/mol $1 \text{ L} \approx 0,76$ kg assay (GC) 98% boiling range 213–215 °C refractive index (n_D^{20}) 1,430	FL. 2901	100 ml	32,25	27,40	25,80	2
A 3/4 + 76 °C							
62593	Dodecenylsuccinic anhydride PROSYNTH® <i>Anhydride dodécénylsuccinique / Anhidrido dodecenilsuccinico</i> $\text{C}_{16}\text{H}_{26}\text{O}_3$ $M = 266,38$ g/mol $1 \text{ L} \approx 1,01$ kg assay (alkalimetric) 98% boiling range (at 27 mbar) 198–200 °C refractive index (n_D^{25}) 1,475	FL. 2915	100 ml	10,—	8,50	8,—	
	Dodecyl alcohol see 1-Dodecanol						
62594	Dodecylamine PROSYNTH® Genamin® <i>Dodécylamine / Dodecilamina</i> Genamin® = trade mark of Hoechst AG $\text{CH}_3(\text{CH}_2)_{11}\text{NH}_2$ $\text{C}_{12}\text{H}_{27}\text{N}$ $M = 185,35$ g/mol assay (GC) 98% melting range 27–29 °C	FL. 2922	500 g	48,—	40,80	38,40	36
A 6.1/21 C 6.1 2811 2							
	 R: 34 S: 26 disposal: 19						
	Dodecylbenzene see 1-Phenyldodecane						
	Dodecyl chloride see 1-Chlorododecane						
64600	Dodecyl gallate PROSYNTH® <i>Dodécyle gallate / Dodecilo galato</i> $(\text{HO})_3\text{C}_6\text{H}_2\text{COO}(\text{CH}_2)_{11}\text{CH}_3$ $\text{C}_{19}\text{H}_{30}\text{O}_5$ $M = 338,44$ g/mol assay (HPLC) 97% melting range 94–97 °C	WG. 2916	100 g	42,75	36,35	34,20	32
	Dodecyl hydrogen sulphate sodium salt see Sodium dodecyl sulphate						
	Dodecylmercaptan see Dodecanethiol-(1)						
64070	Dodecylsuccinic acid PROSYNTH® <i>Acide dodécylsuccinique / Acido dodecilsuccínico</i> $\text{CH}_3(\text{CH}_2)_{11}\text{CH}(\text{COOH})\text{CH}_2\text{COOH}$ $\text{C}_{16}\text{H}_{30}\text{O}_4$ $M = 286,41$ g/mol assay (alkalimetric) 95% melting range 96–98 °C	WG. 2915	25 g	32,50	27,65	26,—	24
35722	Dodin min. 99% PESTANAL® (n-Dodecyl-guanidine acetate) $\text{C}_{12}\text{H}_{25}\text{NHC}(=\text{NH})\text{NH}_2 \cdot \text{CH}_3\text{COOH}$ $\text{C}_{15}\text{H}_{33}\text{N}_3\text{O}_2$ $M = 287,44$ g/mol	FL. 2926	1 g	21,50	18,30	17,20	16
	 R: 20/21/22 S: 2-13 disposal: 7						
	DL-DOPA see 3,4-Dihydroxy-DL-phenylalanine						
63534	Dotriacontane PROSYNTH® <i>Dotriacontane / Dotriacontano</i> $\text{CH}_3(\text{CH}_2)_{30}\text{CH}_3$ $\text{C}_{32}\text{H}_{66}$ $M = 450,87$ g/mol assay (GC) 95% melting range 66–69 °C	WG. 2901	10 g	29,—	24,65	23,20	21



Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
938	Doxylamine succinate <i>Doxylamine succinate / Doxilamina succinato</i> $C_{17}H_{22}N_2O \cdot C_4H_6O_4$ $C_{21}H_{28}N_2O_5$ $M = 388,46$ g/mol assay 99% melting range 103–106 °C loss on drying 0,2%	PF. 2923	2,5 kg	price on request		
6052 8/2C 8 1760 2	Dragendorff's reagent on alcaloides <i>Réactif de Dragendorff / Reactivo de Dragendorff</i> 1 L \approx 1,19 kg  R: 36/38 S: 2-28 disposal: 1	FL. 3819	250 ml	13,25	11,25	10,60 9,95
9131	Dulcitol BIOSYNTH® <i>Dulcitol / Dulcita</i> $HOCH_2(CHOH)_4CH_2OH$ $C_6H_{14}O_6$ $M = 182,17$ g/mol melting range 184–188 °C Durene see 1,2,4,5-Tetramethylbenzene Durol see 1,2,4,5-Tetramethylbenzene iso-Durylic acid see 2,4,6-Trimethylbenzoic acid	PF. 2904	25 g	12,75	10,85	10,20 9,55
6074 3/5 3.2 1230 2	Dye solution according to Boroviczeny solution A: Toluidine blue-safranine-fixing solution <i>Solution colorante de Boroviczeny / Solución colorante de Boroviczeny</i> 1 L \approx 0,84 kg   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. 3819	250 ml	13,25	11,25	10,60 9,95
6076	Dye solution according to Boroviczeny solution B: Eosin solution <i>Solution colorante de Boroviczeny / Solución colorante de Boroviczeny</i> 1 L \approx 1,00 kg	FL. 3819	250 ml	13,25	11,25	10,60 9,95
37359 A 3/5 C 3.1 1090 2 -19 °C	TLC-Dye-stuff mixture for thin-layer chromatography <i>Mélange de colorants CCM / CCF-Mezcla de colorantes</i> package of 20 ml Sudan red 7B Dimethyl-amino-azo-benzene Sudan blue II Methyl red Bromo-cresol green Patent blue V  R: 11 S: 9-16-33 disposal: 6	3819	1 pack	9,50	8,10	7,60 7,15
10553	Dysprosium powder <i>Dysprosium / Disprósio</i> Dy $M = 162,50$ g/mol assay 99%	WG. 2805	1 g	27,75	23,60	22,20 20,80
10564	Dysprosium chloride cryst. <i>Dysprosium chlorure / Disprósio cloruro</i> $DyCl_3 \cdot xH_2O$ $M =$ (anhydrous) 268,86 g/mol assay (DyCl ₃) (on anhydrous substance) 99%	FL. 2852	1 g	32,50	27,65	26,— 24,40
10554 C 6.1 2811 3	Dysprosium fluoride <i>Dysprosium fluorure / Disprósio fluoruro</i> DyF ₃ $M = 219,50$ g/mol	FL. 2852	5 g	69,—	58,65	55,20 51,75




Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.




Price per 1x 6x 24x 9x
package DM (1 Box) (4 Boxes) (16 Boxes)

10555	Dysprosium oxide <i>Dysprosium oxyde / Disprósio óxido</i> Dy_2O_3 $M = 373,00$ g/mol assay 99%	WG. 2852	10 g	44,75	38,05	35,80	33,0
36321	EBBA [N-(p-Ethoxybenzylidene)-p-butylaniline] A 6.1/210 $C_{21}H_{25}O_2$ $M = 281,40$ g/mol C 6.1 2810 2 $C_{19}H_{23}NO$ $M = 281,40$ g/mol melting point 35 °C clarification point 79 °C	WG. 2926	25 g 100 g	price on request price on request			
15501	ECOL® (4-Methylaminophenolsulphate, 100%) <i>ECOL® / ECOL®</i> $(HOC_6H_4NH_2CH_3)_2SO_4$ $C_{14}H_{20}N_2O_6S$ $M = 344,39$ g/mol  R: 24/25-34 S: 2-28-44 disposal: 6	PF. PF. PF. PF. FTP. 2923	100 g 500 g 1 kg 5 kg 25 kg	16,25 56,50 103,50 488,— price on request	13,80 48,05 88,— 405,05 price on request	13,— 45,20 82,80 380,65 price on request	12,0 43,0 79,0 366,0 price on request
	ECTEOLA Cellulose see Cellulose ECTEOLA						
39682	Edenol 1800 for gas chromatography <i>Edénol 1800 / Edenol 1800</i> working temperature 20 to 250 °C	WG. 2915	50 ml	31,50	26,80	25,20	23,0
	EDTA see IDRANAL®						
36015	Ehrlich's diazo reagent for execution of the diazo reaction according to DAB 6 Solution A: Sodium nitrite solution <i>Réactif d'Ehrlich pour la diazo-réaction / Reactivo según Ehrlich para la diazo-reacción</i> 1 L ≈ 1,00 kg	PF. 3819	250 ml	10,75	9,15	8,60	8,0
36013	Ehrlich's diazo reagent for execution of the diazo reaction according to DAB 6 Solution B: Sulphanilic acid solution <i>Réactif d'Ehrlich pour la diazo-réaction / Reactivo según Ehrlich para la diazo-reacción</i> 1 L ≈ 1,01 kg	PF. 3819	250 ml	10,75	9,15	8,60	8,0
	Ehrlich's reagent see also Thionine according to Ehrlich Ehrlich's reagent see also Eosin Hematoxylin solution and Methylene blue concentrated						
36016	Ehrlich's solution DAB 6 , reagent for urobilinogen <i>Solution d'Ehrlich / Solución de Ehrlich</i> 1 L ≈ 1,11 kg  R: 36/38 S: 2-28 disposal: 1	PF. 3819	250 ml	10,75	9,15	8,60	8,0
63535	Eicosane PROSYNTH® <i>Eicosane / Eicosano</i> $CH_3(CH_2)_{18}CH_3$ $C_{20}H_{42}$ $M = 282,55$ g/mol 1 L ≈ 0,78 kg assay (GC) 98% melting range 35—37 °C	FL. 2901	50 g	34,25	29,10	27,40	25,7
62595	Eicosanol-(1) PROSYNTH® <i>Eicosanol-(1) / Eicosanol-(1)</i> $CH_3(CH_2)_{19}OH$ $C_{20}H_{42}O$ $M = 298,55$ g/mol assay (GC) 97% melting range 62—65 °C	WG. 2904	25 g	13,75	11,70	11,—	10,3

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
353	Elaidic acid BIOSYNTH® <i>Acide élaïdique / Acido eláidico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$ $\text{C}_{18}\text{H}_{34}\text{O}_2$ $M=282,47$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2914	5 g	29,50	25,10	23,60	22,15
218	Elastin-Congo red BIOSYNTH® <i>Elastine-Rouge Congo / Elastina-Rojo Congo</i> keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2931	1 g	282,—	239,70	225,60	211,50
464	Ellagic acid PROSYNTH® <i>Acide ellagique / Acido elágico</i> $\text{C}_{14}\text{H}_6\text{O}_8$ $M=302,20$ g/mol Ellmann's reagent see 5,5'-Dithiobis-(2-nitrobenzoic acid) Elon see ECOL® Emerald green see Brilliant green	WG. 2935	5 g	37,50	31,90	30,—	28,15
2925	Enanthaldehyde PROSYNTH® <i>Aldéhyde oenanthique / Aldehído enántico</i> $\text{CH}_3(\text{CH}_2)_5\text{CHO}$ $\text{C}_7\text{H}_{14}\text{O}$ $M=114,19$ g/mol 1 L ≈ 0,82 kg assay (GC) 97% boiling range 150—152 °C refractive index (n_D^{20}) 1,413  R: 10-20/22 S: 2-24/25 disposal: 14	FL. 2911	250 ml	15,50	13,20	12,40	11,65
2926	Enanthic acid PROSYNTH® <i>Acide oenanthique / Acido enántico</i> $\text{CH}_3(\text{CH}_2)_5\text{COOH}$ $\text{C}_7\text{H}_{14}\text{O}_2$ $M=130,19$ g/mol 1 L ≈ 0,92 kg assay (GC) 97% boiling range 221—223 °C refractive index (n_D^{20}) 1,422 Enanthone see Dihexyl ketone	FL. 2914	500 ml	21,75	18,50	17,40	16,75
63514	Enanthonitrile PROSYNTH® <i>Oenanthonitrile / Enantonitrilo</i> $\text{CH}_3(\text{CH}_2)_5\text{CN}$ $\text{C}_7\text{H}_{13}\text{N}$ $M=111,19$ g/mol 1 L ≈ 0,81 kg assay (GC) 97% boiling range 179—181 °C refractive index (n_D^{20}) 1,414	FL. 2927	100 ml	50,—	42,50	40,—	37,50
64760	Enanthoyl chloride PROSYNTH® <i>Oenanthoyle chlorure / Acido enántico cloruro</i> $\text{CH}_3(\text{CH}_2)_5\text{COCl}$ $\text{C}_7\text{H}_{13}\text{ClO}$ $M=148,63$ g/mol 1 L ≈ 0,96 kg assay (ex Cl) 99% boiling range 171—173 °C refractive index (n_D^{20}) 1,431	FL. 2914	100 ml	22,—	18,70	17,60	16,50
35793	Endosulphan ($\alpha + \beta = 2 + 1$) min. 99% PESTANAL® (6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide) $\text{C}_9\text{H}_6\text{Cl}_6\text{O}_3\text{S}$ $M=406,93$ g/mol  R: 23/24/25-36/38 S: 2-13-44 disposal: 7	FL. 2921	1 g	42,75	36,35	34,20	32,05

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
35794	Endosulphan alcohol min. 99% PESTANAL® (1,2,- 3,4,7,7-Hexachloro-5,6-bis-hydroxymethyl-bicyclo-[2,2,1]-hept-2-ene)	FL. 2905	1 g	56,50	48,05	45,20	42,4
A 6.1/82B							
C 6.1 1615 3							
C ₉ H ₈ Cl ₆ O ₂ M = 360,88 g/mol							
35726	α-Endosulphane min. 99% PESTANAL® (α-6,7,8,9,10,10-Hexachloro-5,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide)	FL. 2921	1 g	35,75	30,40	28,60	26,4
A 6.1/81B							
C 6.1 1615 2							
C ₉ H ₆ Cl ₆ O ₃ S M = 406,93 g/mol							
 R: 23/24/25-36/38 S: 2-13-44 disposal: 7							
35727	β-Endosulphane min. 99% PESTANAL® (β-6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide)	FL. 2921	1 g	56,50	48,05	45,20	42,4
A 6.1/81B							
C 6.1 1615 2							
C ₉ H ₆ Cl ₆ O ₃ S M = 406,93 g/mol							
 R: 23/24/25-36/38 S: 2-13-44 disposal: 7							
35795	Endosulphan ether min. 99% PESTANAL® (4,5,-6,7,8,8-Hexachloro-1,3,3a,4,7,7a-hexahydro-4,7-methano-isobenzofuran)	FL. 2908	1 g	56,50	48,05	45,20	42,4
A 6.1/82B							
C 6.1 1615 3							
C ₉ H ₆ Cl ₆ O M = 342,86 g/mol							
35796	Endosulphan lactone min. 99% PESTANAL® (Lactone of 5-hydroxymethyl-1,2,3,4,7,7-hexachloro-bicyclo-[2,2,1]-hept-2-ene-6-carboxylic acid)	FL. 2935	1 g	56,50	48,05	45,20	42,4
A 6.1/81B							
C 6.1 1615 3							
C ₉ H ₄ Cl ₆ O ₂ M = 356,85 g/mol							
35777	Endosulphan sulphate min. 99% PESTANAL® (6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3,3-oxide)	FL. 2921	1 g	56,50	48,05	45,20	42,4
A 6.1/81B							
C 6.1 1615 3							
C ₉ H ₆ Cl ₆ O ₄ S M = 422,93 g/mol							
35728	Endrin min. 99% PESTANAL® (1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo-5,8-endo-dimethanonaphthalene)	FL. 2902	1 g	21,50	18,30	17,20	16,1
A 6.1/81B							
C 6.1 1615 2							
C ₁₂ H ₈ Cl ₆ O M = 380,91 g/mol							
 R: 26/27/28 S: 1-13-28-45 disposal: 7							
32717	Eosin bluish (C. I. No. 45400, S. No. 885) pure water-soluble for microscopy <i>Eosine / Eosina</i>	WG. WG. 3205	25 g 100 g	20,— 58,50	17,— 49,75	16,— 46,80	15,— 43,9
C ₂₀ H ₆ Br ₂ N ₂ Na ₂ O ₉ M = 624,06 g/mol							
32617	Eosin yellowish (C. I. No. 45380, S. No. 881) pure water-soluble for microscopy <i>Eosine / Eosina</i>	WG. WG. 3205	25 g 100 g	11,50 20,—	9,80 17,—	9,20 16,—	8,6 15,—
C ₂₀ H ₆ Br ₄ Na ₂ O ₅ M = 691,86 g/mol							
32893	Eosin-hematoxylin solution according to Ehrlich (with alum) for microscopy <i>Eosine-hématoxyline en solution / Eosina-hematoxilina en solución</i>	PF. 3819	250 ml	13,25	11,25	10,60	9,9
1 L ≈ 1,01 kg							
32855	Eosin methylene-blue for microscopy according to May-Grünwald (C. I. No. 45380/52015, S. No. 881/1038) <i>Eosine-bleu de méthylène / Eosina-azul de metileno</i>	WG. WG. 3205	25 g 100 g	19,50 62,—	16,60 52,70	15,60 49,60	14,6 46,5

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
56	Eosin methylene-blue solution according to May-Grünwald <i>Eosine-blue de métilène en solution / Eosina-azul de metileno en solución</i>	FL. FL. FL. 3205	250 ml 1 L 2,5 L	8,75 19,— 38,75	7,45 16,15 32,15	7,— 15,20 30,25	6,55 14,65 29,05
	1 L ≈ 0,80 kg						
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
57	Eosin methylene-blue solution according to Wright <i>Eosine-blue de métilène en solution / Eosina-azul de metileno en solución</i>	FL. FL. FL. 3205	250 ml 1 L 2,5 L	10,25 18,— 38,25	8,70 15,30 31,75	8,20 14,40 29,85	7,70 13,85 28,70
	1 L ≈ 0,80 kg						
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
51	Eosin methylene-blue solution DAB 6 according to Jenner, for microscopy Solution A: Eosin solution <i>Eosine-bleudeméthylène en solution / Eosina-azul de metileno en solución</i>	FL. 3819	250 ml	13,25	11,25	10,60	9,95
	1 L ≈ 0,79 kg						
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
933	Eosin methylene-blue solution DAB 6 according to Jenner, for microscopy Solution B: Methylene blue solution <i>Eosine-bleu de méthylène en solution / Eosina-azul de metileno en solución</i>	FL. 3819	250 ml	13,50	11,50	10,80	10,15
	1 L ≈ 0,79 kg						
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
	Eosin scarlet see Eosin bluish						
845	Eosin solution (1% in water) for microscopy <i>Eosine en solution / Eosina en solución</i>	PF. 3819	250 ml	13,—	11,05	10,40	9,75
	1 L ≈ 1,00 kg						
	Eosin tetrabromo fluorescein see Eosin yellowish						
854	L-Ephedrine <i>L-Ephédrine / L-Efedrina</i> <chem>C6H5CH(OH)CH(CH3)NHCH3</chem> <chem>C10H15NO</chem> M = 165,23 g/mol	WG. 2942	100 g	32,—	27,20	25,60	24,—
	 R: 22 S: 22-25 disposal: 6						
816	L-Ephedrine hydrochloride <i>L-Ephédrine chlorhydrate / L-Efedrina clorhidrato</i> <chem>C6H5CH(OH)CH(CH3)NHCH3 · HCl</chem> <chem>C10H16ClNO</chem> M = 201,70 g/mol	WG. 2942	100 g	24,75	21,05	19,80	18,55
	 R: 22 S: 22-25 disposal: 7						
4582	Epibromhydrin PROSYNTH® <i>Epibromhydrine / Epibromhidrina</i> <chem>CH2BrCHCH2O</chem> <chem>C3H5BrO</chem> M = 136,98 g/mol	FL. 2909	100 ml	26,75	22,75	21,40	20,05
	1 L ≈ 1,67 kg						
	assay (GC) 97% boiling range 135—138 °C refractive index (n _D ²⁰) 1,484						
	 R: 10-23/24/25 S: 7/9-25-44 disposal: 10						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	9x (16 Boxes)
30861	Epichlorhydrin min. 99,9% for gas chromatography A 6.1/12A <i>Epichlorhydrine / Epiclorhidrina</i> C 6.1 2023 2 <chem>CH2OCHCH2Cl</chem> <chem>C3H5ClO</chem> $M = 92,52$ g/mol 1 L \approx 1,18 kg  R: 10-23/24/25 S: 7/9-25-44 disposal: 10	FL. 2909	5 ml	49,25	41,85	39,40	36
60162	Epichlorhydrin PROSYNTH® A 6.1/12A <i>Epichlorhydrine / Epiclorhidrina</i> C 6.1 2023 2 <chem>CH2OCHCH2Cl</chem> <chem>C3H5ClO</chem> $M = 92,52$ g/mol 1 L \approx 1,18 kg assay 99% boiling range 115–117 °C refractive index (n_D^{20}) 1,438  R: 10-23/24/25 S: 7/9-25-44 disposal: 10	FL. FL. 2909	500 ml 2,5 L	14,25 50,—	12,10 41,50	11,40 39,—	10 37
62598	1,2-Epoxybutane PROSYNTH® A 3/5 <i>1-2-Epoxybutane / 1,2-Epoxibutano</i> C 3.2 1993 2 <chem>CH3CH2CHCH2O</chem> -15 °C <chem>C4H8O</chem> $M = 72,11$ g/mol 1 L \approx 0,83 kg assay (GC) 98% boiling range 61–63 °C refractive index (n_D^{20}) 1,384  R: 11 S: 7-16 disposal: 6	FL. 2909	1 L	56,—	47,60	44,80	43
	1,2-Epoxy-3-chloropropane see Epichlorhydrin 9,10-Epoxy-1,5-cyclododecadiene see 1,5,9-Cyclododecatriene monoxide						
64583	2,3-Epoxy-1-propanol PROSYNTH® A 3/3 <i>Epoxy-2-3-propanol-(1) / 2,3-Epoxi-1-propanol</i> C 3.3 2622 2 <chem>OCH2CHCH2OH</chem> +31 °C <chem>C3H6O2</chem> $M = 74,08$ g/mol 1 L \approx 1,12 kg assay (GC) 97% boiling range 162–165 °C refractive index (n_D^{20}) 1,433	FL. 2909	100 ml	20,75	17,65	16,60	15
32769	Epsilon blue [2-(4'-Nitrophenylazo)-3,8-naphthalene-1-disulphonic acid disodium salt] indicator <i>Bleu epsilon / Azul epsilon</i> <chem>C16H9N3Na2O9S2</chem> $M = 497,37$ g/mol	WG. 3205	5 g	11,—	9,35	8,80	8
10556	Erbium powder <i>Erbium / Erbio</i> Er $M = 167,26$ g/mol assay 99%	WG. 2805	1 g	32,50	27,65	26,—	24
10557	Erbium fluoride C 6.1 2811 3 <i>Erbium fluorure / Erbio fluoruro</i> ErF ₃ $M = 224,26$ g/mol assay 99%	FL. 2852	1 g	29,50	25,10	23,60	22
10558	Erbium nitrate-5-hydrate C 5.1 1477 2 <i>Erbium nitrate-5-hydrate / Erbio nitrato-5-hidrato</i> Er(NO ₃) ₃ · 5H ₂ O $M = 443,35$ g/mol	FL. 2852	5 g	22,75	19,35	18,20	17
10559	Erbium oxide <i>Erbium oxyde / Erbio óxido</i> Er ₂ O ₃ $M = 382,52$ g/mol assay 99%	WG. 2852	10 g	53,50	45,50	42,80	40
	Eriochrome azurol S see Chrome azurol S						

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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
51	Eriochrome black T indicator for metal titration, Reag. Ph. Eur I (C. I. No. 14645, S. No. 241) <i>Noir d'ériochrome T / Negro de eriocromo T</i> $\text{HOC}_{10}\text{H}_6\text{N} = \text{NC}_{10}\text{H}_4(\text{OH})(\text{SO}_3\text{Na})(\text{NO}_2)$ $\text{C}_{20}\text{H}_{12}\text{N}_3\text{NaO}_7\text{S}$ $M = 461,39$ g/mol	WG. WG. 3205	25 g 100 g	9,50 13,75	8,10 11,70	7,60 11,—	7,15 10,30
67	Eriochrome blue-black B indicator for metal titration (C. I. No. 14640, S. No. 249) <i>Bleu-noir d'ériochrome B / Negro-azul de eriocromo B</i> $\text{C}_{20}\text{H}_{13}\text{N}_2\text{NaO}_5\text{S}$ $M = 416,39$ g/mol	WG. 3205	100 g	36,75	31,25	29,40	27,55
752	Eriochrome cyanine R. G. (C. I. No. 43820, S. No. 840) <i>Eriochrome cyanine / Eriocromocianina</i> $\text{C}_{23}\text{H}_{15}\text{Na}_3\text{O}_9\text{S}$ $M = 536,40$ g/mol insoluble in water passes test suitability for determination of aluminium passes test	WG. WG. 3205	25 g 100 g	14,25 39,25	12,10 33,35	11,40 31,40	10,70 29,45
356	Erucic acid BIOSYNTH® <i>Acide érucique / Acido erúcico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH} = \text{CH}(\text{CH}_2)_{11}\text{COOH}$ $\text{C}_{22}\text{H}_{42}\text{O}_2$ $M = 338,57$ g/mol	WG. 2914	10 g	53,—	45,05	42,40	39,75
465	Erucic acid PROSYNTH® <i>Acide érucique / Acido erúcico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH} = \text{CH}(\text{CH}_2)_{11}\text{COOH}$ $\text{C}_{22}\text{H}_{42}\text{O}_2$ $M = 338,57$ g/mol 1 L \approx 0,86 kg assay (GC) 90% melting range 28—32 °C	FL. 2914	1 kg	50,—	42,50	40,—	38,50
135	meso-Erythritol BIOSYNTH® <i>méso-Erythritol / meso-Eritrita</i> $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $\text{C}_4\text{H}_{10}\text{O}_4$ $M = 122,12$ g/mol melting range 118—120 °C	WG. 2904	25 g	24,25	20,60	19,40	18,20
213	D-Erythrose BIOSYNTH® <i>D-Erythrose / D-Eritrosa</i> $\text{HOCH}_2\text{CHOHCHOHCHO}$ $\text{C}_4\text{H}_8\text{O}_4$ $M = 120,10$ g/mol assay 90% (containing glucose)	FL. 2943	1 g	102,50	87,15	82,—	76,90
3203	Erythrosin for microscopy (C. I. No. 45430, S. No. 887) <i>Erythrosine / Eritrosina</i> $\text{C}_{20}\text{H}_6\text{J}_4\text{Na}_2\text{O}_5$ $M = 879,86$ g/mol	WG. 3205	25 g	19,25	16,35	15,40	14,45
6017	Esbach's solution reagent for proteins <i>Solution d'Esbach / Solución de Esbach</i> 1 L \approx 1,01 kg	FL. 3819	250 ml	10,50	8,95	8,40	7,90
1610	Eschka's mixture R. G. <i>Mélange d'Eschkas / Mezcla de Eschka</i>	PF. PF. 3819	250 g 1 kg	33,— 110,50	28,05 93,95	26,40 88,40	24,75 85,10
9206	Escin BIOSYNTH® <i>Escine / Escina</i> $\text{C}_{54}\text{H}_{84}\text{O}_{23}$ $M = 1101,24$ g/mol	FL. 2941	1 g	64,—	54,40	51,20	48,—
9498	Esculetine BIOSYNTH® <i>Esculétine / Esculetina</i> $(\text{HO})_2\text{C}_6\text{H}_2\text{OCOCH} = \text{CH}$ $\text{C}_9\text{H}_8\text{O}_4$ $M = 178,14$ g/mol	FL. 2935	1 g	46,50	39,55	37,20	34,90
9168	Esculin BIOSYNTH® <i>Esculine / Esculina</i> $\text{C}_{15}\text{H}_{16}\text{O}_9 \cdot 1,5\text{H}_2\text{O}$ $M = 387,31$ g/mol specific rotation $([\alpha]_D^{20}; c = 1 \text{ in } \text{C}_5\text{H}_5\text{N})$ $-39^\circ \pm 1,5^\circ$	WG. 2941	5 g	14,50	12,35	11,60	10,90

30861 Epichlorhydrin min. 99,9% for gas chromatography
A 6.1/12A Epichlorhydrine / Epiclorhidrina
C 6.1 2023 2 CH2OCHCH2Cl
C3H5ClO M = 92,52 g/mol 1 L ≈ 1,18 kg



R: 10-23/24/25 S: 7/9-25-44
disposal: 10

60162 Epichlorhydrin PROSYNTH®
A 6.1/12A Epichlorhydrine / Epiclorhidrina
C 6.1 2023 2 CH2OCHCH2Cl

C3H5ClO M = 92,52 g/mol 1 L ≈ 1,18 kg
assay 99%
boiling range 115–117 °C
refractive index (n_D²⁰) 1,438



R: 10-23/24/25 S: 7/9-25-44
disposal: 10

62598 1,2-Epoxybutane PROSYNTH®
A 3/5 1,2-Epoxybutane / 1,2-Epoxibutano
C 3.2 1993 2 CH3CH2CHCH2O
-15 °C C4H8O M = 72,11 g/mol 1 L ≈ 0,83 kg

assay (GC) 98%
boiling range 61–63 °C
refractive index (n_D²⁰) 1,384



R: 11 S: 7-16
disposal: 6

1,2-Epoxy-3-chloropropane see Epichlorhydrin

9,10-Epoxy-1,5-cyclododecadiene see
1,5,9-Cyclododecatriene monoxide

64583 2,3-Epoxy-1-propanol PROSYNTH®
A 3/3 Epoxy-2-3-propanol-(1) / 2,3-Epoxi-1-propanol
C 3.3 2622 2 QCH2CHCH2OH
+31 °C C3H6O2 M = 74,08 g/mol 1 L ≈ 1,12 kg

assay (GC) 97%
boiling range 162–165 °C
refractive index (n_D²⁰) 1,433

32769 Epsilon blue [2-(4'-Nitrophenylazo)-3,8-naphthalene-1-
disulphonic acid disodium salt] indicator
Bleu epsilon / Azul épsilon
C16H9N3Na2O9S2 M = 497,37 g/mol

10556 Erbium powder
Erbium / Erbio

Er M = 167,26 g/mol
assay 99%

10557 Erbium fluoride
C 6.1 2811 3 Erbium fluorure / Erbio fluoruro
ErF₃ M = 224,26 g/mol

assay 99%

10558 Erbium nitrate-5-hydrate
C 5.1 1477 2 Erbium nitrate-5-hydrate / Erbio nitrato-5-hidrato
Er(NO₃)₃ · 5H₂O M = 443,35 g/mol

10559 Erbium oxide
Erbium oxyde / Erbio óxido

Er₂O₃ M = 382,52 g/mol
assay 99%

Eriochrome azurol S see Chrome azurol S

FL.
2909

5 ml 49,25 41,85 39,40 36,95

FL.
FL.
2909

500 ml 14,25 12,10 11,40 10,95
2,5 L 50,— 41,50 39,— 37,50

FL.
2909

1 L 56,— 47,60 44,80 43,10

FL.
2909

100 ml 20,75 17,65 16,60 15,55

WG.
3205

5 g 11,— 9,35 8,80 8,25

WG.
2805

1 g 32,50 27,65 26,— 24,40

FL.
2852

1 g 29,50 25,10 23,60 22,15

FL.
2852

5 g 22,75 19,35 18,20 17,05

WG.
2852

10 g 53,50 45,50 42,80 40,15

		package size				
2751	Eriochrome black T indicator for metal titration, Reag. Ph. Eur I (C. I. No. 14645, S. No. 241) <i>Noir d'ériochrome T / Negro de eriocromo T</i> $\text{HOC}_{10}\text{H}_6\text{N} = \text{NC}_{10}\text{H}_4(\text{OH})(\text{SO}_3\text{Na})(\text{NO}_2)$ $\text{C}_{20}\text{H}_{12}\text{N}_3\text{NaO}_7\text{S}$ $M = 461,39$ g/mol	WG. WG. 3205	25 g 100 g	9,50 13,75	8,10 11,70	7,60 11,— 7,15 10,30
2767	Eriochrome blue-black B indicator for metal titration (C. I. No. 14640, S. No. 249) <i>Bleu-noir d'ériochrome B / Negro-azul de eriocromo B</i> $\text{C}_{20}\text{H}_{13}\text{N}_2\text{NaO}_5\text{S}$ $M = 416,39$ g/mol	WG. 3205	100 g	36,75	31,25	29,40 27,55
2752	Eriochrome cyanine R. G. (C. I. No. 43820, S. No. 840) <i>Eriochrome cyanine / Eriocromocianina</i> $\text{C}_{23}\text{H}_{15}\text{Na}_3\text{O}_9\text{S}$ $M = 536,40$ g/mol insoluble in water passes test suitability for determination of aluminium passes test	WG. WG. 3205	25 g 100 g	14,25 39,25	12,10 33,35	11,40 31,40 10,70 29,45
39356	Erucic acid BIOSYNTH® <i>Acide érucique / Acido erúcico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH} = \text{CH}(\text{CH}_2)_{11}\text{COOH}$ $\text{C}_{22}\text{H}_{42}\text{O}_2$ $M = 338,57$ g/mol	WG. 2914	10 g	53,—	45,05	42,40 39,75
33465	Erucic acid PROSYNTH® <i>Acide érucique / Acido erúcico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH} = \text{CH}(\text{CH}_2)_{11}\text{COOH}$ $\text{C}_{22}\text{H}_{42}\text{O}_2$ $M = 338,57$ g/mol 1 L \approx 0,86 kg assay (GC) 90% melting range 28—32 °C	FL. 2914	1 kg	50,—	42,50	40,— 38,50
39135	meso-Erythritol BIOSYNTH® <i>méso-Erythritol / meso-Eritrita</i> $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $\text{C}_4\text{H}_{10}\text{O}_4$ $M = 122,12$ g/mol melting range 118—120 °C	WG. 2904	25 g	24,25	20,60	19,40 18,20
39213	D-Erythrose BIOSYNTH® <i>D-Erythrose / D-Eritrosa</i> $\text{HOCH}_2\text{CHOHCHOHCHO}$ $\text{C}_4\text{H}_8\text{O}_4$ $M = 120,10$ g/mol assay 90% (containing glucose)	FL. 2943	1 g	102,50	87,15	82,— 76,90
33203	Erythrosin for microscopy (C. I. No. 45430, S. No. 887) <i>Erythrosine / Eritrosina</i> $\text{C}_{20}\text{H}_6\text{J}_4\text{Na}_2\text{O}_5$ $M = 879,86$ g/mol	WG. 3205	25 g	19,25	16,35	15,40 14,45
36017	Esbach's solution reagent for proteins <i>Solution d'Esbach / Solución de Esbach</i> 1 L \approx 1,01 kg	FL. 3819	250 ml	10,50	8,95	8,40 7,90
31610	Eschka's mixture R. G. <i>Mélange d'Eschkas / Mezcla de Eschka</i>	PF. PF. 3819	250 g 1 kg	33,— 110,50	28,05 93,95	26,40 88,40 24,75 85,10
39206	Escin BIOSYNTH® <i>Escine / Escina</i> $\text{C}_{54}\text{H}_{84}\text{O}_{23}$ $M = 1101,24$ g/mol	FL. 2941	1 g	64,—	54,40	51,20 48,—
39498	Esculetine BIOSYNTH® <i>Esculétine / Esculetina</i> $(\text{HO})_2\text{C}_6\text{H}_2\text{OCOCH} = \text{CH}$ $\text{C}_9\text{H}_6\text{O}_4$ $M = 178,14$ g/mol	FL. 2935	1 g	46,50	39,55	37,20 34,90
39168	Esculin BIOSYNTH® <i>Esculine / Esculina</i> $\text{C}_{15}\text{H}_{16}\text{O}_9 \cdot 1,5\text{H}_2\text{O}$ $M = 367,31$ g/mol specific rotation $([\alpha]_D^{20}; c = 1 \text{ in } \text{C}_5\text{H}_5\text{N})$ —39° \pm 1,5°	WG. 2941	5 g	14,50	12,35	11,60 10,90

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Etching ink for glass see Ink for glass etching

01703 Etching powder (for etching glass)
Poudre à dépolir le verre / Polvo para esmerilar

A 8/15A
C 8 1759 2



R: 25-34 S: 22-26-37
disposal: 27

PF.
S.
3819

5 kg 68,50 56,85 53,45 51,
50 kg price on request

Ethanediol see Ethylene glycol

62034 Ethanedithiol-(1,2) PROSYNTH®
Ethanedithiol-(1,2) / Etanoditiol-(1,2)

A 3/3
C 3.3 1993 2
45°C

HSCH₂CH₂SH
C₂H₆S₂ M = 94,20 g/mol 1 L ≈ 1,13 kg

assay (GC) 98%
boiling range 144–146 °C
refractive index (n_D²⁰) 1,558

R: 10 disposal: 15

FL.
2931

100 ml 31,75 27,— 25,40 23,

63481 Ethanethiol PROSYNTH®
Ethanethiol / Etanotiol

A 3/1A
C 3.1 2383 1
-45°C

C₂H₅SH
C₂H₆S M = 62,13 g/mol 1 L ≈ 0,84 kg

assay (GC) 95%
boiling range 34–36 °C
refractive index (n_D²⁰) 1,431



R: 11-20 S: 16-25
disposal: 15

FL.
2931

100 ml 9,75 8,30 7,80 7,

32221 Ethanol absolute R. G., Reag. ACS, Reag. ISO,
Reag. Ph. Eur. I
Ethanol absolu / Etanol absoluto

A 3/5
C 3.2 1170 2
+11°C

CH₃CH₂OH
C₂H₆O M = 46,07 g/mol 1 L ≈ 0,79 kg




assay (GC) min. 99,8 Vol. %
boiling range 78–79 °C
density (D₂₀²⁰) 0,790–0,791
refractive index (n_D²⁰) 1,3614–1,3618
non-volatile matter max. 0,001 %
water (according to Karl Fischer) max. 0,2 %
free acid (as CH₃COOH) max. 0,0005 %
free alkali (as NH₃) max. 0,0001 %
aluminium (Al) max. 0,00005 %
barium (Ba) max. 0,00001 %
lead (Pb) max. 0,00001 %
boron (B) max. 0,000002 %
cadmium (Cd) max. 0,000005 %
calcium (Ca) max. 0,000005 %
chromium (Cr) max. 0,000002 %
iron (Fe) max. 0,00001 %
cobalt (Co) max. 0,000002 %
copper (Cu) max. 0,000002 %
magnesium (Mg) max. 0,00001 %
manganese (Mn) max. 0,000002 %
nickel (Ni) max. 0,000002 %
zinc (Zn) max. 0,00001 %
tin (Sn) max. 0,00001 %
KMnO₄ red. matters (as O) max. 0,003 %
reaction to sulphuric acid passes test
acetone max. 0,001 %
aldehydes (as CH₃CHO) max. 0,001 %
iso-amylalcohol max. 0,05 %
carbonyl compounds (as CO) max. 0,003 %
volatile bases (as NH₃) max. 0,00004 %
furfural passes test
fusel oils passes test
methanol max. 0,1 %
propanol-(2) max. 0,05 %



R: 11 S: 7-16
disposal: 5

FL.
FL.
FL.
2208

500 ml 10,25 8,70 8,20 7,
1 L 14,— 11,90 10,90 10,
2,5 L 29,25 24,30 22,80 21,

-Number /ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
35	Ethanol absolute SPECTRANAL® <i>Ethanol absolu / Etanol absoluto</i>	FL. FL. 2208	1 L 2,5 L	38,— 81,50	32,30 67,65	30,40 63,55	29,25 61,15
2 1170 2	CH ₃ CH ₂ OH C ₂ H ₆ O M = 46,07 g/mol 1 L ≈ 0,79 kg assay (GC) min. 99,8 Vol. % non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,2 % free acid (as CH ₃ COOH) max. 0,001 % suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wave-length (nm): min. 20%/210, min. 40%/220, min. 60%/230, min. 80%/240, min. 98%/from 260 suitability for infrared spectroscopy passes test						
°C	 R: 11 S: 7-16 disposal: 5						
870	Ethanol absolute CHROMASOL® for chromatography (UV-detection) <i>Ethanol absolu / Etanol absoluto</i>	FL. 2208	1 L	17,50	14,90	14,—	13,50
2 1170 2	CH ₃ CH ₂ OH C ₂ H ₆ O M = 46,07 g/mol 1 L ≈ 0,79 kg assay (GC) min. 99,8 Vol. % non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,2 % free acid (as CH ₃ COOH) max. 0,001 % transmittance (1 cm cell; reference: water) transmittance/wave-length (nm): min. 20%/210, min. 50%/225, min. 80%/240, min. 98%/from 260						
1°C	 R: 11 S: 7-16 disposal: 5						
944	Ethanol absolute MOS PURANAL® particle class 0 <i>Ethanol absolu / Etanol absoluto</i>	FL. 2208	2,5 L	price on request			
3 2 1170 2	CH ₃ CH ₂ OH C ₂ H ₆ O M = 46,07 g/mol 1 L ≈ 0,79 kg assay (GC) min. 99,8 vol. % boiling range 78—79 °C density (D ₄ ²⁰) 0,790—0,791 refractive index (n _D ²⁰) 1,3614—1,3618 non-volatile matter max. 5 ppm water (according to Karl Fischer) max. 2000 ppm free acid (as CH ₃ COOH) max. 5 ppm free alkali (as NH ₃) max. 1 ppm lead (Pb) max. 0,02 ppm calcium (Ca) max. 0,5 ppm iron (Fe) max. 0,05 ppm copper (Cu) max. 0,01 ppm magnesium (Mg) max. 0,01 ppm manganese (Mn) max. 0,01 ppm nickel (Ni) max. 0,01 ppm zinc (Zn) max. 0,01 ppm chloride (Cl) max. 0,2 ppm sulphate (SO ₄) max. 0,2 ppm						
11°C	 R: 11 S: 7-16 disposal: 5						

Code-Number
A) RID-ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

17833 Ethanol absolute PURANAL®

A 3/5 Ethanol absolu / Etanol absoluto

C 3.2 1170 2

CH₃CH₂OH

+11°C

C₂H₆O M = 46,07 g/mol

1 L ≈ 0,79 kg

assay (GC) min. 99,8 vol. %

boiling range 78–79 °C

density (D₂₀) 0,790–0,791

refractive index (n_D²⁰) 1,3614–1,3618

non-volatile matter max. 5 ppm

water (according to Karl Fischer) max. 2000 ppm

free acid (as CH₃COOH) max. 5 ppm

free alkali (as NH₃) max. 1 ppm

lead (Pb) max. 0,02 ppm

calcium (Ca) max. 0,5 ppm

iron (Fe) max. 0,05 ppm

copper (Cu) max. 0,01 ppm

magnesium (Mg) max. 0,01 ppm

manganese (Mn) max. 0,01 ppm

nickel (Ni) max. 0,01 ppm

zinc (Zn) max. 0,01 ppm

chloride (Cl) max. 0,2 ppm

sulphate (SO₄) max. 0,2 ppm



R: 11 S: 7-16

disposal: 5

FL.
2208

2,5 L

price on request

24103 ○ Ethanol absolute chem. pure

A 3/5 Ethanol absolu / Etanol absoluto

C 3.2 1170 2

CH₃CH₂OH

+12°C

C₂H₆O M = 46,07 g/mol

1 L ≈ 0,79 kg

assay (GC) 99,8 Vol. %

density (D₂₀) 0,790–0,791

non-volatile matter 0,01 %

water (according to Karl Fischer) 0,2 %

free acid (as CH₃COOH) 0,001 %

aldehydes (as CH₃CHO) 0,005 %

volatile bases (as NH₃) 0,0005 %

methanol 0,1 %



R: 11 S: 7-16

disposal: 5

FL.

1 L

13,75

11,70

10,75

10,

FL.

2,5 L

28,—

23,25

21,85

21,

2208

30844 Ethanol min. 99,9% for gas chromatography

A 3/5 Ethanol / Etanol

C 3.2 1170 2

CH₃CH₂OH

+11°C

C₂H₆O M = 46,07 g/mol

1 L ≈ 0,79 kg



R: 11 S: 7-16

disposal: 5

FL.

5 ml

49,25

41,85

39,40

36,

2208

34934 Ethanol 96 vol. % SPECTRANAL®

A 3/5 Ethanol / Etanol

C 3.2 1170 2

CH₃CH₂OH

+16°C

C₂H₆O M = 46,07 g/mol

1 L ≈ 0,81 kg

assay (GC) min. 95 %

non-volatile matter max. 0,001 %

water (according to Karl Fischer) max. 5 %

free acid (as CH₃COOH) max. 0,001 %

suitability for UV-spectroscopy

transmittance (1 cm cell; reference: water)

transmittance/wave-length (nm):

min. 35 %/210, min. 550 %/220,

min. 75 %/230, min. 90 %/250,

min. 98 %/from 270

suitability for infrared spectroscopy passes test



R: 11 S: 7-16

disposal: 5

FL.

500 ml

22,—

18,70

17,60

16,

FL.

2,5 L





80,—

66,40

62,40

60,

2208

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
106	Ethanol 96 vol. %, chem. pure Reag. ACS, Ph. Eur. I	FL.	1 L	12,—	10,20	9,60	9,25
1/5	<i>Ethanol / Etanol</i>	FL.	2,5 L	24,—	19,90	18,70	18,—
2 1170 2	CH ₃ CH ₂ OH	2208					
2°C	C ₂ H ₆ O M = 46,07 g/mol 1 L ≈ 0,81 kg						
	assay 96,5 vol. %						
	density (D ₂₀ ²⁰) 0,804—0,809						
	non-volatile matter 0,001 %						
	free acid (as CH ₃ COOH) 0,0005 %						
	free alkali (as NH ₃) 0,0001 %						
	iron (Fe) 0,0001 %						
	heavy metals (as Pb) 0,0001 %						
	KMnO ₄ red. substances passes test						
	acetone passes test						
	volatile bases (as NH ₃) 0,00005 %						
	furfural passes test						
	fusel oils passes test						
	methanol 0,2 %						
	higher alcohols passes test						
	 R: 11 S: 7-16 disposal: 5						
020	Ethanol-d ₁ absolute deuteration degree not	A.	10 ml	17,50	14,90	14,—	13,15
1/5	less than 99 atom % D	2851					
2 1170 2	<i>Ethanol-d₁ absolu / Etanol-d₁ absoluto</i>						
11°C	CH ₃ CH ₂ OD						
	C ₂ H ₅ DO M = 47,06 g/mol 1 L ≈ 0,81 kg						
	 R: 11 S: 7-16 disposal: 5						
0001	Ethanol-d ₆ (95 % in D ₂ O)	A.	5 ml	149,50	127,10	119,60	112,15
1/5	deuteration degree not less than 99 atom % D	2851					
2 1170 2	<i>Ethanol-d₆ / Etanol-d₆</i>						
11°C	CD ₃ CD ₂ OD						
	C ₂ D ₆ O M = 52,02 g/mol 1 L ≈ 0,91 kg						
	 R: 11 S: 7-16 disposal: 5						
	Ethanolal see Glycolaldehyde						
	Ethanolamine, di- see Diethanolamine						
	Ethanolamine, mono see 2-Aminoethanol						
	Ethanolamine, tri- see Triethanolamine						
	Ethanol-(2)-thiol-(1) see 2-Mercaptoethanol						
	Ether see Diethyl ether						
	Ethereal oils						
	Offer on request.						
5893	Ethion min. 99 % PESTANAL® (S,S'-Methylene-bis-[O,O-diethylphosphorodithioate])	FL.	2 g	56,50	48,05	45,20	42,40
5.1/81A		2921					
5.1./2	[(CH ₃ CH ₂ O) ₂ P(S)S] ₂ CH ₂						
	C ₉ H ₂₂ O ₄ P ₂ S ₄ M = 384,48 g/mol						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						
	 R: 23/24/25 S: 2-13-44 disposal: 7						

Code-Number
A) RID/ADR
B) GGV/EGGS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9x
(16 Boxes)

39277 DL-Ethionine BIOSYNTH®
DL-Ethionine / DL-Etionina
CH3CH2SCH2CH2CH(NH2)COOH
C6H13NO2S $M = 183,24$ g/mol

WG.
2931

5 g 20,25 17,20 16,20 1

39626 Ethofat 60/25 for gas chromatography
working temperature 50 to 125 °C

WG.
2914

50 g 47,50 40,40 38,— 3

64221 Ethoxyacetic acid PROSYNTH®
Acide éthoxyacétique / Acido etoxiacético
CH3CH2OCH2COOH
C4H8O3 $M = 104,11$ g/mol $1 L \approx 1,10$ kg
assay (alkalimetric) 99%
boiling range (at 15 mbar) 97—100 °C
refractive index (n_D^{20}) 1,419

FL.
2916

100 ml 169,— 143,65 135,20 12

2-Ethoxyaniline see o-Phenetidine

64235 4-Ethoxybenzaldehyde PROSYNTH®
Ethoxy-4-benzaldéhyde / 4-Etoxibenzaldehido
C2H5OC6H4CHO
C9H10O2 $M = 150,18$ g/mol $1 L \approx 1,08$ kg
assay (GC) 99%
congealing range 13—14 °C

FL.
2911

100 ml 76,50 65,05 61,20 5

Ethoxybenzene see Phenetole

64957 1-(Ethoxycarbonyl-ethyl)-triphenylphosphonium bromide PROSYNTH®
1-(Ethoxycarbonyléthyl)-triphénylphosphonium bromure / 1-(Etoxicarboniletil)-trifenilfosfónio bromuro
C2H5OCOCH2CH2P(C6H5)3Br
C23H24BrO2P $M = 443,32$ g/mol

WG.
2934

100 g 31,25 26,55 25,— 2

64956 N-Ethoxycarbonylphthalimide PROSYNTH®
N-Ethoxycarbonylphthalimide / N-Etoxicarbonilftalimida
C6H4CON(COOC2H5)CO
C11H9NO4 $M = 219,20$ g/mol
assay (ex N) 98%
melting range 80—83 °C

WG.
2926

100 g 60,50 51,45 48,40 4

64403 N-Ethoxycarbonylpiperazine PROSYNTH®
N-Ethoxycarbonylpipérazine / N-Etoxicarbonilpiperacina
CH2CH2NHCH2CH2NCOOC2H5
C7H14N2O2 $M = 158,20$ g/mol $1 L \approx 1,09$ kg
assay (GC) 98%
boiling range 243—245 °C
refractive index (n_D^{20}) 1,478

FL.
2935

10 ml 26,— 22,10 20,80 19

2-Ethoxyethanol see Ethylene glycol monoethyl ether

63466 2-Ethoxyethyl methacrylate PROSYNTH® stabilized with 2,4-dimethyl-6-tert.-butylphenol (1 g/l)
2-Ethoxyéthyle méthacrylate / 2-Etoxiétilo metacrilato
CH2=C(CH3)COOCH2CH2OCH2CH3
C8H14O3 $M = 158,20$ g/mol $1 L \approx 0,96$ kg
assay (GC) 98%
boiling range (at 29 mbar) 68—70 °C
refractive index (n_D^{20}) 1,429

FL.
2914

1 L 51,50 43,80 41,20 3





R: 36/37/38 S: 26-28
disposal: 6

64384 Ethoxymethylene-malonic acid dinitrile PROSYNTH®
Acide éthoxyméthylène-malonique dinitrile / Acido etoximetilen-malónico dinitrilo
C2H5OCH=C(CN)2
C6H6N2O $M = 122,13$ g/mol
assay (GC) 97%
melting range 65—67 °C

WG.
2927

25 g 31,— 26,35 24,80 2

2-Ethoxyphenol see Guaethol

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3	3-Ethoxypropylamine PROSYNTH® 3-Ethoxypropylamine / 3-Etoxipropilamina C ₂ H ₅ O(CH ₂) ₃ NH ₂ C ₅ H ₁₃ NO M = 103,16 g/mol 1 L ≈ 0,86 kg assay (GC) 99% boiling range 136–138 °C refractive index (n _D ²⁰) 1,418  R: 10-36/37/38 S: 28 disposal: 19	FL. 2923	100 ml	17,—	14,45	13,60	12,75
1993 2							
C							
3	N-Ethylacetamide PROSYNTH® N-Ethylacétamide / N-Etilacetamida CH ₃ CONHC ₂ H ₅ C ₄ H ₉ NO M = 87,12 g/mol 1 L ≈ 0,93 kg assay (GC) 97% boiling range 203–205 °C refractive index (n _D ²⁰) 1,432	FL. 2925	100 ml	30,—	25,50	24,—	22,50
3	Ethyl 2-acetamido-2-cyanoacetate PROSYNTH® Ethyle 2-acétamido-2-cyanacétate / Etilo 2-acetamido-2-cianacetato CH ₃ CONHCH(CN)COOC ₂ H ₅ C ₇ H ₁₀ N ₂ O ₃ M = 170,17 g/mol assay (ex N) 95% melting range 127–129 °C	PF. 2927	100 g	73,50	62,50	58,80	55,15
11	Ethyl acetate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I Ethyle acétate / Etilo acetato CH ₃ COOC ₂ H ₅ C ₄ H ₈ O ₂ M = 88,11 g/mol 1 L ≈ 0,90 kg assay (GC) min. 99,5% boiling range 76–78 °C density (D ₄ ²⁰) 0,898–0,901 refractive index (n _D ²⁰) 1,3710–1,3730 non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,05 % free acid (as CH ₃ COOH) max. 0,005 % aluminium (Al) max. 0,00005 % barium (Ba) max. 0,00001 % lead (Pb) max. 0,00001 % boron (B) max. 0,000002 % cadmium (Cd) max. 0,000005 % calcium (Ca) max. 0,00005 % chromium (Cr) max. 0,000002 % iron (Fe) max. 0,00001 % cobalt (Co) max. 0,000002 % copper (Cu) max. 0,000002 % magnesium (Mg) max. 0,00001 % manganese (Mn) max. 0,000002 % nickel (Ni) max. 0,000002 % zinc (Zn) max. 0,00001 % tin (Sn) max. 0,00001 % reaction to sulphuric acid passes test methyl acetate max. 0,1 % ethanol max. 0,1 % methanol max. 0,1 %  R: 11 S: 16-23-29-33 disposal: 6	FL. FL. EKL. 2914	1 L 2,5 L 25 kg	20,25 41,50 kg	17,20 34,45 9,—	15,80 32,35	15,— 31,15
1173 2							

Code-Number
A) RID/ADR
B) GGV/EGGS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

9x

(1 Box)

(4 Boxes)

(16 Boxes)

34949 Ethyl acetate R. G. dried (max. 0,01% H₂O)
A 3/1A *Ethyle acétate / Etilo acetato*
C 3.2 1173 2 CH₃COOC₂H₅
-4°C C₄H₈O₂ M = 88,11 g/mol 1 L ≈ 0,90 kg
assay (GC) min. 99,5%
boiling range 76–78 °C
density (D₄²⁰) 0,898–0,901
refractive index (n_D²⁰) 1,3710–1,3730
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,01%
free acid (as CH₃COOH) max. 0,005%
aluminium (Al) max. 0,00005%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,000002%
cadmium (Cd) max. 0,000005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,000002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,000002%
copper (Cu) max. 0,000002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,000002%
nickel (Ni) max. 0,000002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
reaction to sulphuric acid passes test
methyl acetate max. 0,1%
methanol max. 0,1%



R: 11 S: 16-23-29-33
disposal: 6

34917 Ethyl acetate SPECTRANAL®
A 3/1A *Ethyle acétate / Etilo acetato*
C 3.2 1173 2 CH₃COOC₂H₅
-4°C C₄H₈O₂ M = 88,11 g/mol 1 L ≈ 0,90 kg

assay (GC) min. 99,7%
non-volatile matter max. 0,0005%
water (acc. to Karl Fischer) max. 0,03%
free acid (as CH₃COOH) max. 0,005%
suitability for UV spectroscopy
transmittance (1 cm cell/reference: water)
transmittance/wavelength (nm):
min. 20%/255, min. 75%/260, min. 95%/270, min.
98%/from 280



R: 11 S: 16-23-29-33
disposal: 6

**34858 Ethyl acetate CHROMASOLV® for chromatography (UV-
detection)**
A 3/1A *Ethyle acétate / Etilo acetato*
C 3.2 1173 2 CH₃COOC₂H₅
-4°C C₄H₈O₂ M = 88,11 g/mol 1 L ≈ 0,90 kg
assay (GC) min. 99,7%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,03%
free acid (as CH₃COOH) max. 0,005%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm):
min. 20%/255, min. 50%/260,
min. 80%/270, min. 98%/from 300



R: 11 S: 16-23-29-33
disposal: 6

FL.
2914



1 L 42,— 35,70 33,60 32

FL.
2914

500 ml 29,— 24,65 23,20 22

FL.
2914

1 L 25,— 21,25 20,— 19

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
4490	Ethyl acetate PESTANAL®	FL.	1 L	29,25	24,85	23,40	22,50
3/1A	<i>Ethyle acétate / Etilo acetato</i>	FL.	2,5 L	60,50	50,20	47,20	45,40
3.2 1173 2	CH ₃ COOC ₂ H ₅	2914					
4 °C	C ₄ H ₈ O ₂ M = 88,11 g/mol 1 L ≈ 0,90 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,02%						
	suitability for residue analysis:						
	Traceable accompanying substances (GC/ECD) (column						
	0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro-						
	mosorb® 100/200) show in the retention volum zones						
	between Pentachlorobenzene, α-HCH, Aldrin and DDT a						
	peak of < 5 · 10 ⁻¹⁰ % = 5 ng/l.						
	 R: 11 S: 16-23-29-33						
	disposal: 6						
17947	Ethyl acetate PURANAL®	FL.	2,5 L	price on request			
3/1A	<i>Ethyle acétate / Etilo acetato</i>	2914					
3.2 1173 2	CH ₃ COOC ₂ H ₅						
4 °C	C ₄ H ₈ O ₂ M = 88,11 g/mol 1 L ≈ 0,90 kg						
	assay min. 99,9%						
	boiling range 76–78 °C						
	density (D ₄ ²⁰) 0,898–0,901						
	refractive index (n _D ²⁰) 1,3710–1,3730						
	non-volatile matter max. 10 ppm						
	water (according to Karl Fischer) max. 500 ppm						
	free acid (as CH ₃ COOH) max. 50 ppm						
	aluminium (Al) max. 0,05 ppm						
	antimony (Sb) max. 0,01 ppm						
	arsenic (As) max. 0,01 ppm						
	barium (Ba) max. 0,1 ppm						
	beryllium (Be) max. 0,01 ppm						
	lead (Pb) max. 0,02 ppm						
	boron (B) max. 0,02 ppm						
	cadmium (Cd) max. 0,01 ppm						
	calcium (Ca) max. 0,2 ppm						
	chromium (Cr) max. 0,01 ppm						
	iron (Fe) max. 0,1 ppm						
	gallium (Ga) max. 0,02 ppm						
	gold (Au) max. 0,02 ppm						
	indium (In) max. 0,02 ppm						
	potassium (K) max. 0,1 ppm						
	cobalt (Co) max. 0,01 ppm						
	copper (Cu) max. 0,01 ppm						
	lithium (Li) max. 0,02 ppm						
	magnesium (Mg) max. 0,1 ppm						
	manganese (Mn) max. 0,01 ppm						
	molybdenum (Mo) max. 0,01 ppm						
	sodium (Na) max. 0,2 ppm						
	nickel (Ni) max. 0,01 ppm						
	platinum (Pt) max. 0,02 ppm						
	silver (Ag) max. 0,02 ppm						
	strontium (Sr) max. 0,02 ppm						
	thallium (Tl) max. 0,02 ppm						
	titanium (Ti) max. 0,01 ppm						
	vanadium (V) max. 0,01 ppm						
	bismuth (Bi) max. 0,02 ppm						
	zinc (Zn) max. 0,05 ppm						
	tin (Sn) max. 0,02 ppm						
	zirconium (Zr) max. 0,01 ppm						
	methyl acetate max. 1000 ppm						
	ethanol max. 1000 ppm						
	methanol max. 1000 ppm						
	 R: 11 S: 16-23-29-33						
	disposal: 6						

Code-Number
A) RID/ADR
B) GGVSE/GGVSE
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

27227 Ethyl acetate
A 3/1A *Ethyle acétate / Etilo acetato*
C 3.2 1173 2 CH3COOC2H5
-4°C C4H8O2 $M = 88,11 \text{ g/mol}$ 1 L \approx 0,90 kg
assay (GC) 99,5%
boiling range 76–78 °C
density (D_4^{20}) 0,898–0,901
refractive index (n_D^{20}) 1,3710–1,3730
non-volatile matter 0,001%
water (according to Karl Fischer) 0,1%
free acid (as CH3COOH) 0,005%



R: 11 S: 16-23-29-33
disposal: 6

Type of package	1 L	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 1 L	19,—	16,15	15,20	14,65
FL. 2,5 L	39,—	32,35	30,40	29,25
EKL. 25 kg	kg	6,—		
EKL. 5x	kg	5,50		
EKL. 10x	kg	5,20		
F. 180 kg	kg	5,05		

2914

33003 Ethyl acetoacetate R. G.
A 3/4 *Ethyle acétylacétate / Etilo acetoacetato*
+84°C CH3COCH2COOC2H5
C6H10O3 $M = 130,14 \text{ g/mol}$ 1 L \approx 1,02 kg
assay (GC) min. 99%
boiling range 178–183 °C
density (D_4^{20}) 1,028–1,030
refractive index (n_D^{20}) 1,4190–1,4192
non-volatile matter max. 0,05%

Type of package	250 ml	1 L	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 250 ml	11,75	10,—	9,40	8,80	
FL. 1 L	30,—	25,50	24,—	23,10	

2916

60003 Ethyl acetoacetate PROSYNTH®
A 3/4 *Ethyle acétylacétate / Etilo acetoacetato*
+84°C CH3COCH2COOC2H5
C6H10O3 $M = 130,14 \text{ g/mol}$ 1 L \approx 1,03 kg
assay (GC) 99%
boiling range 178–183 °C
refractive index (n_D^{20}) 1,419

Type of package	500 ml	2,5 L	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 500 ml	12,50	10,65	10,—	9,65	
FL. 2,5 L	43,75	36,30	34,15	32,80	

2916

64204 Ethyl acetoacetate, sodium derivative PROSYNTH®
Ethyle acétoacétate, dérivé de sodium / Etilo acetoacetato, derivado de sodio
CH3C(ONa)=CHCOOC2H5
C6H9NaO3 $M = 152,13 \text{ g/mol}$
assay 98%

Type of package	1 kg	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
WG. 1 kg	75,50	64,20	60,40	58,15

2916

62024 Ethyl acrylate PROSYNTH®
A 3/1 *Ethyle acrylate / Etilo acrilato*
C 3.2 1917 2 CH2=CHCOOC2H5
+8°C C5H8O2 $M = 100,12 \text{ g/mol}$ 1 L \approx 0,92 kg
assay (GC) 99%
boiling range 100–102 °C
refractive index (n_D^{20}) 1,406

Type of package	1 L	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 1 L	25,25	21,45	20,20	19,45

2914

39295 Ethyl-L-alaninate hydrochloride BIOSYNTH®
Ethyle L-alaninate chlorhydrate / Etilo L-alaninato clorhidrato
CH3CH(NH2)COOC2H5 · HCl
C5H12ClNO2 $M = 153,61 \text{ g/mol}$

Type of package	1 g	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 1 g	22,75	19,35	18,20	17,05

2923

39287 Ethyl DL-alaninate hydrochloride BIOSYNTH®
Ethyle DL-alaninate chlorhydrate / Etilo DL-alaninato clorhidrato
CH3CH(NH2)COOC2H5 · HCl
C5H12ClNO2 $M = 153,61 \text{ g/mol}$

Type of package	5 g	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
WG. 5 g	34,—	28,90	27,20	25,50

2923

Ethyl alcohol see Ethanol





15075 Ethylamine solution abt. 70% mono
A 3/5 *Ethylamine en solution / Etilamina en solución*
C 3.1 2270 2 C2H5NH2
-27°C C2H7N $M = 45,08 \text{ g/mol}$ 1 L \approx 0,80 kg



R: 13-36/37 S: 16-26-28
disposal: 19

Type of package	1 L	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
FL. 1 L	19,—	16,15	15,20	14,65
STP. 45 kg	price on request			
F. 165 kg	price on request			

2922

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
5016	Ethylamine solution abt. 50% mono	FL.	1 L	16,—	13,60	12,80	12,30
3/5	Ethylamine en solution / Etilamina en solución	EKL.	25 kg	price on request			
3.2 2270 2	C ₂ H ₅ NH ₂	F.	165 kg	price on request			
12 °C	C ₂ H ₇ N M = 45,08 g/mol 1 L ≈ 0,87 kg	2922					
	  R: 13-36/37 S: 16-26-29 disposal: 19						
54262	Ethyl 2-aminobenzoate PROSYNTH®	FL.	100 ml	48,—	40,80	38,40	36,—
	Ethyle amino-2-benzoate / Etilo 2-aminobenzoato	2923					
	NH ₂ C ₆ H ₄ COOC ₂ H ₅						
	C ₉ H ₁₁ NO ₂ M = 165,19 g/mol 1 L ≈ 1,12 kg						
	assay (GC) 99%						
	boiling range 265—268 °C						
	refractive index (n _D ²⁰) 1,564						
65192	Ethyl 3-aminobenzoate PROSYNTH®	FL.	50 ml	price on request			
112 °C	Ethyle amino-3-benzoate / Etilo 3-aminobenzoato	2923					
	NH ₂ C ₆ H ₄ COOCH ₂ CH ₃						
	C ₉ H ₁₁ NO ₂ M = 165,19 g/mol 1 L ≈ 1,11 kg						
	boiling range (at 0,5 mbar) 103—106 °C						
	refractive index (n _D ²⁰) 1,560						
65173	Ethyl 4-aminobenzoate PROSYNTH®	WG.	250 g	27,25	23,15	21,80	20,45
	Ethyle amino-4-benzoate / Etilo 4-aminobenzoato	2923					
	H ₂ NC ₆ H ₄ COOCH ₂ CH ₃						
	C ₉ H ₁₁ NO ₂ M = 165,19 g/mol						
	assay (HPLC) 99%						
	melting range 89—92 °C						
64394	1-Ethyl-3-aminopiperidine PROSYNTH®	FL.	25 ml	73,50	62,50	58,80	55,15
A 6.1/21	Ethyl-1-amino-3-pipéridine / 1-Etil-3-aminopiperidina	2935					
C 6.1 2810 2	CH ₃ CH ₂ NCH ₂ CH(NH ₂)CH ₂ CH ₂ CH ₂						
	C ₇ H ₁₆ N ₂ M = 128,22 g/mol 1 L ≈ 0,90 kg						
	assay (GC) 98%						
	boiling range 153—155 °C						
	refractive index (n _D ²⁰) 1,472						
60012	Ethylammonium chloride PROSYNTH®	WG.	500 g	29,50	25,10	23,60	22,70
	Ethylammonium chlorure / Etilamonio cloruro	2922					
	CH ₃ CH ₂ NH ₃ Cl						
	C ₂ H ₈ ClN M = 81,54 g/mol						
62036	N-Ethylaniline PROSYNTH®	FL.	250 ml	15,75	13,40	12,60	11,80
A 6.1/11B	N-Ethylaniline / N-Etilanilina	2922					
C 6.1 2272 3	C ₈ H ₅ NHC ₂ H ₅						
	C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,96 kg						
	assay (GC) 98%						
	boiling range 203—205 °C						
	refractive index (n _D ²⁰) 1,555						
	 R: 23/24/25-33 S: 28-37-44 disposal: 19						
62037	2-Ethylaniline PROSYNTH®	FL.	250 ml	23,50	20,—	18,80	17,65
A 6.1/11B	2-Ethylaniline / 2-Etilanilina	2922					
C 6.1 2273 3	C ₂ H ₅ C ₆ H ₄ NH ₂						
	C ₈ H ₁₁ N M = 121,18 g/mol 1 L ≈ 0,98 kg						
	assay (GC) 99%						
	boiling range 209—211 °C						
	refractive index (n _D ²⁰) 1,559						
	 R: 23/24/25-33 S: 28-37-44 disposal: 19						

Code Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

64374 3-Ethylaniline PROSYNTH®
A 6.1/118 3-Ethylaniline / 3-Etilanilina

C 6.1 2810 2 C2H5C6H4NH2
C8H9N $M = 121,18 \text{ g/mol}$ **1 L ≈ 0,97 kg**
assay (GC) 99%
boiling range 212–214 °C
refractive index (n_D^{20}) 1,556



R: 23/24/25-33 S: 28-37-44
disposal: 19

FL.
2922

10 ml 34,50 29,35 27,60 25,90

62038 4-Ethylaniline PROSYNTH®
A 6.1/118 4-Ethylaniline / 4-Etilanilina

C 6.1 2810 2 C2H5C6H4NH2
C8H9N $M = 121,18 \text{ g/mol}$ **1 L ≈ 0,97 kg**
assay (GC) 99%
boiling range 213–215 °C
refractive index (n_D^{20}) 1,555



R: 23/24/25-33 S: 28-37-44
disposal: 19

FL.
2922

100 ml 34,50 29,35 27,60 25,90

62039 2-Ethylanthraquinone PROSYNTH®
2-Ethylanthraquinone / 2-Etilantraquinona

C2H5C9H6CO
C18H12O2 $M = 236,27 \text{ g/mol}$
assay (HPLC) 97%
melting range 108–110 °C

WG.
2913

100 g 24,— 20,40 19,20 18,—

30832 Ethylbenzene min. 99,9% for gas chromatography
A 3/1A Ethylbenzène / Etilbenceno

C 3.2 1175 2 C6H5C2H5
C8H10 $M = 106,17 \text{ g/mol}$ **1 L ≈ 0,88 kg**
+15 °C



R: 11-37 S: 16-29
disposal: 6

FL.
2901

5 ml 49,25 41,85 39,40 36,95

62040 Ethylbenzene PROSYNTH®
A 3/1A Ethylbenzène / Etilbenceno

C 3.2 1175 2 C6H5C2H5
C8H10 $M = 106,17 \text{ g/mol}$ **1 L ≈ 0,88 kg**
+15 °C
assay (GC) 99%
boiling range 135–137 °C
refractive index (n_D^{20}) 1,496



R: 11-37 S: 16-29
disposal: 6

FL.
2901

1 L 14,50 12,35 11,60 11,15

60045 Ethyl benzoate PROSYNTH®
A 3/4 Ethyle benzoate / Etilo benzoato

+88 °C C6H5COOC2H5
C9H10O2 $M = 150,18 \text{ g/mol}$ **1 L ≈ 1,05 kg**
assay (GC) 99%
boiling range 211–213 °C
refractive index (n_D^{20}) 1,505

FL.
2914

500 ml 32,25 27,40 25,80 24,85

62126 Ethyl benzoylacetate PROSYNTH®
Ethyle benzoylacétate / Etilo benzoilacetato

C6H5COCH2COOC2H5
C11H12O3 $M = 199,21 \text{ g/mol}$ **1 L ≈ 1,11 kg**
assay (alkalimetric) 97%
boiling range (at 19 mbar) 163–165 °C
refractive index (n_D^{20}) 1,530

FL.
2916


250 ml 45,25 38,45 36,20 33,95

39298 Ethyl N-benzoyl-L-tyrosinate BIOSYNTH®
Ethyle N-benzoyl-L-tyrosinate / Etilo N-benzoil-L-tirosinato

HOC6H4CH2CH(NHCOC6H5)COOCH2CH3
C19H19NO4 $M = 313,35 \text{ g/mol}$

FL.
2923

1 g 14,— 11,90 11,20 10,50

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
469	N-Ethylbenzylamine PROSYNTH® <i>N-Ethylbenzylamine / N-Etilbencilamina</i> $C_6H_5CH_2NHCH_2CH_3$ $C_9H_{13}N$ $M = 135,21$ g/mol $1 L \approx 0,93$ kg assay (GC) 99% boiling range 193–195 °C	FL. 2922	25 ml	14,—	11,90	11,20	10,50
2041	Ethyl benzyl ketone PROSYNTH® <i>Ethylbenzylcétone / Etilbencilcetona</i> $C_6H_5CH_2COC_2H_5$ $C_{10}H_{12}O$ $M = 148,20$ g/mol $1 L \approx 0,99$ kg assay (GC) 97% boiling range (at 20 mbar) 109–112 °C refractive index (n_D^{20}) 1,512	FL. 2913	100 ml	51,50	43,80	41,20	38,65
Ethyl bromide see Bromoethane							
2382	Ethyl bromoacetate PROSYNTH® <i>Ethyle bromoacétate / Etilo bromoacetato</i> $CH_2BrCOOC_2H_5$ $C_4H_7BrO_2$ $M = 167,00$ g/mol $1 L \approx 1,50$ kg assay 98% boiling range 157–159 °C refractive index (n_D^{20}) 1,450	FL. 2914	500 ml	64,50	54,85	51,60	49,65
 R: 26/27/28 S: 7/9-26-45 disposal: 7							
4367	1-Ethyl-4-bromobenzene PROSYNTH® <i>1-Ethyl-4-bromobenzène / 1-Etil-4-bromobenceno</i> $C_2H_5C_6H_4Br$ C_8H_9Br $M = 185,06$ g/mol $1 L \approx 1,34$ kg assay (GC) 98% boiling range 203–206 °C refractive index (n_D^{20}) 1,545	FL. 2902	10 ml	36,—	30,60	28,80	27,—
Ethyl 2-bromobutanoate see Ethyl 2-bromobutyrate							
2184	Ethyl 2-bromobutyrate PROSYNTH® <i>Ethyle 2-bromobutyrate / Etilo 2-bromobutirato</i> $CH_3CH_2CHBrCOOC_2H_5$ $C_6H_{11}BrO_2$ $M = 195,06$ g/mol $1 L \approx 1,32$ kg assay (GC) 97% boiling range 175–177 °C refractive index (n_D^{20}) 1,448	FL. 2914	250 ml	34,50	29,35	27,60	25,90
3855	Ethyl 2-bromo-iso-butyrate PROSYNTH® <i>Ethyle 2-bromo-iso-butyrate / Etilo 2-bromo-iso-butirato</i> $(CH_3)_2CBrCOOC_2H_5$ $C_6H_{11}BrO_2$ $M = 195,06$ g/mol $1 L \approx 1,33$ kg assay (GC) 98% boiling range 161–163 °C refractive index (n_D^{20}) 1,445	FL. F. 2914	100 ml 200 kg	42,75 price on request	36,35	34,20	32,05
4335	Ethyl 4-bromobutyrate PROSYNTH® <i>Ethyle 4-bromobutyrate / Etilo 4-bromobutirato</i> $Br(CH_2)_3COOCH_2CH_3$ $C_6H_{11}BrO_2$ $M = 195,06$ g/mol $1 L \approx 1,35$ kg assay (GC) 97% boiling range (at 13 mbar) 80–82 °C refractive index (n_D^{20}) 1,456	FL. 2914	100 ml	47,—	39,95	37,60	35,25
4612	Ethyl 2-bromodecanoate PROSYNTH® <i>Ethyle 2-bromodécanoate / Etilo 2-bromodecanoato</i> $CH_3(CH_2)_7CHBrCOOC_2H_5$ $C_{12}H_{23}BrO_2$ $M = 279,22$ g/mol $1 L \approx 1,13$ kg assay (GC) 97% boiling range (at 28 mbar) 161–163 °C refractive index (n_D^{20}) 1,454	FL. 2914	50 ml	62,—	52,70	49,60	46,50

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Type of package
B.T.N.




Price per
package DM




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(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

Code-Number	Description	Type of package	Volume	1x	6x	24x	96x
A) RID/ADR		B.T.N.	package DM	(1 Box)	(4 Boxes)	(16 Boxes)	(64 Boxes)
B) GGVE/GGVS							
C) IMDG-CODE (GGVSee)							
64630	Ethyl 2-bromododecanoate PROSYNTH® <i>Ethyle 2-bromododécanoate / Etilo 2-bromododecanoato</i> $\text{CH}_3(\text{CH}_2)_9\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_{14}\text{H}_{27}\text{BrO}_2$ $M = 307,27$ g/mol $1 \text{ L} \approx 1,10$ kg assay 98% boiling range (at 9 mbar) 163–165 °C refractive index (n_D^{20}) 1,458	FL. 2914	50 ml	47,75	40,60	38,20	35,00
64634	Ethyl 2-bromoheptanoate PROSYNTH® <i>Ethyle 2-bromoheptanoate / Etilo 2-bromoheptanoato</i> $\text{CH}_3(\text{CH}_2)_4\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_9\text{H}_{17}\text{BrO}_2$ $M = 237,14$ g/mol $1 \text{ L} \approx 1,20$ kg assay (GC) 98% boiling range (13 mbar) 107–109 °C	FL. 2914	100 ml	64,50	54,85	51,60	48,00
64724	Ethyl 2-bromononanoate PROSYNTH® <i>Ethyle 2-bromononanoate / Etilo 2-bromononanoato</i> $\text{CH}_3(\text{CH}_2)_6\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_{11}\text{H}_{21}\text{BrO}_2$ $M = 265,19$ g/mol $1 \text{ L} \approx 1,07$ kg	FL. 2914	25 ml	71,—	60,35	56,80	53,00
64729	Ethyl 2-bromooctanoate PROSYNTH® <i>Ethyle 2-bromooctanoate / Etilo 2-bromooctanoato</i> $\text{CH}_3(\text{CH}_2)_5\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_{10}\text{H}_{19}\text{BrO}_2$ $M = 251,16$ g/mol $1 \text{ L} \approx 1,18$ kg assay (GC) 97% boiling range (at 33 mbar) 137–139 °C	FL. 2914	500 ml	45,25	38,45	36,20	34,00
62220	Ethyl DL-2-bromopropionate PROSYNTH® <i>Ethyl DL-2-bromopropionate / Etilo DL-2-bromopropionato</i> $\text{CH}_3\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_5\text{H}_9\text{BrO}_2$ $M = 181,03$ g/mol $1 \text{ L} \approx 1,39$ kg assay (GC) 98% boiling range 156–160 °C refractive index (n_D^{20}) 1,447	FL. F. 2914	100 ml	16,75	14,25	13,40	12,00
			200 kg	price on request			
	 R: 36/37/38 S: 26 disposal: 7						
62221	Ethyl 3-bromopropionate PROSYNTH® <i>Ethyle 3-bromopropionate / Etilo 3-bromopropionato</i> $\text{BrCH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$ $\text{C}_5\text{H}_9\text{BrO}_2$ $M = 181,03$ g/mol $1 \text{ L} \approx 1,42$ kg assay (GC) 99% boiling range 67–68 °C	FL. FL. 2914	† 100 ml	16,—	14,25	13,45	12,00
			500 ml	58,—	49,30	46,40	44,00
	 R: 36/37/38 S: 26 disposal: 7						
15276	Ethyl 3-bromopropionate <i>Ethyle 3-bromopropionate / Etilo 3-bromopropionato</i> $\text{BrCH}_2\text{CH}_2\text{COOCH}_2\text{CH}_3$ $\text{C}_5\text{H}_9\text{BrO}_2$ $M = 181,03$ g/mol $1 \text{ L} \approx 1,42$ kg assay (GC) 99% boiling range 67–68 °C	STP. F. 2914	40 kg	price on request			
			300 kg	price on request			
	 R: 36/37/38 S: 26 disposal: 7						
64732	Ethyl 2-bromotetradecanoate PROSYNTH® <i>Ethyle 2-bromotétradécanoate / Etilo 2-bromotetradecanoato</i> $\text{CH}_3(\text{CH}_2)_{11}\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_{16}\text{H}_{31}\text{BrO}_2$ $M = 335,32$ g/mol $1 \text{ L} \approx 1,06$ kg assay (GC) 98% boiling range (bei 0,13 mbar) 124–126 °C refractive index (n_D^{20}) 1,460	FL. 2914	25 ml	41,25	35,05	33,—	30,90
64741	Ethyl 2-bromoundecanoate PROSYNTH® <i>Ethyle 2-bromoundécanoate / Etilo 2-bromoundecanoato</i> $\text{CH}_3(\text{CH}_2)_8\text{CHBrCOOC}_2\text{H}_5$ $\text{C}_{13}\text{H}_{25}\text{BrO}_2$ $M = 293,24$ g/mol assay 97%	FL. 2914	25 g	34,—	28,90	27,20	25,50

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64746	Ethyl 5-bromovalerate PROSYNTH® A 3/3 <i>Ethyle bromo-5-valérate / Etilo 5-bromovaleriato</i> C 3.3 1993 2 $\text{Br}(\text{CH}_2)_4\text{COOC}_2\text{H}_5$ +48°C $\text{C}_7\text{H}_{13}\text{BrO}_2$ $M = 209,08$ g/mol 1 L \approx 1,31 kg assay (GC) 98% boiling range (at 47 mbar) 127–129 °C refractive index (n_D^{20}) 1,459 R: 10 disposal: 7	FL. 2914	25 ml	37,75	32,10	30,20	28,30
63470	2-Ethylbutanol-(1) PROSYNTH® A 3/4 <i>2-Ethylbutanol-(1) / 2-Etilbutanol-(1)</i> C 3.3 2275 3 $(\text{C}_2\text{H}_5)_2\text{CHCH}_2\text{OH}$ +57°C $\text{C}_6\text{H}_{14}\text{O}$ $M = 102,18$ g/mol 1 L \approx 0,83 kg assay (GC) 98% boiling range 145–147 °C refractive index (n_D^{20}) 1,422  R: 21/22 disposal: 6	FL. 2904	250 ml	29,75	25,30	23,80	22,30
64955	2-Ethylbuten-(2)-al PROSYNTH® A 3/1A <i>2-Ethylbuténal-(2) / 2-Etilbutenal-(2)</i> C 3.2 1993 2 $\text{CH}_3\text{CH}=\text{C}(\text{CH}_2\text{CH}_3)\text{CHO}$ +18°C $\text{C}_6\text{H}_{10}\text{O}$ $M = 98,14$ g/mol 1 L \approx 0,85 kg assay (GC) 88% boiling range 133–136 °C refractive index (n_D^{20}) 1,443  R: 11 S: 9-16-33 disposal: 6	FL. 2911	500 ml	19,75	16,80	15,80	15,20
63283	Ethyl sec.-butylcyanoacetate PROSYNTH® A 3/3 <i>Ethyle sec.-butylcyanoacétate / Etilo sec.-butilcianoacetato</i> C 3.3 1993 2 $\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}(\text{CN})\text{COOC}_2\text{H}_5$ +37°C $\text{C}_9\text{H}_{15}\text{NO}_2$ $M = 169,22$ g/mol 1 L \approx 0,96 kg assay (GC) 97% boiling range (at 15 mbar) 104–106 °C refractive index (n_D^{20}) 1,428 R: 10 disposal: 6	FL. 2927	100 ml	46,—	39,10	36,80	34,50
63477	Ethyl iso-butyl ketone PROSYNTH® A 3/3 <i>Ethyl-iso-butylcétone / Etil-iso-butilcetona</i> C 3.3 1224 2 $(\text{CH}_3)_2\text{CHCH}_2\text{COC}_2\text{H}_5$ +28°C $\text{C}_7\text{H}_{14}\text{O}$ $M = 114,19$ g/mol 1 L \approx 0,81 kg assay (GC) 95% boiling range 134–136 °C refractive index (n_D^{20}) 1,405 R: 10 disposal: 6	FL. 2913	25 ml	49,50	42,10	39,60	37,15
60082	Ethyl butyrate PROSYNTH® A 3/3 <i>Ethyle butyrate / Etilo butirato</i> C 3.3 1180 2 $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOC}_2\text{H}_5$ +26°C $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol 1 L \approx 0,88 kg assay (GC) 99% boiling range 118–121 °C refractive index (n_D^{20}) 1,393 R: 10 disposal: 6	FL. 2914	500 ml	20,25	17,20	16,20	15,60
64366	Ethyl iso-butyrate PROSYNTH® A 3/3A <i>Ethyle iso-butyrate / Etilo iso-butirato</i> C 3.3 1180 2 $(\text{CH}_3)_2\text{CHCOOCH}_2\text{CH}_3$ +25°C $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol 1 L \approx 0,87 kg assay (GC) 98% boiling range 107–110 °C refractive index (n_D^{20}) 1,388  R: 10 disposal: 6	FL. 2914	250 ml	24,75	21,05	19,80	18,55

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62042 2-Ethylbutyric acid PROSYNTH®
A 3/4 *Acide 2-éthylbutyrique / Acido 2-etilbutirico*
 +99 °C (C2H5)2CHCOOH
C5H12O2 $M = 116,16 \text{ g/mol}$ 1 L ≈ 0,92 kg
 assay (alkalimetric) 99%
 boiling range 192–194 °C
 refractive index (n_D^{20}) 1,413

FL.
 2914

1 L 56,— 47,60 44,80 43,10

64463 Ethyl caprate PROSYNTH®
Ethyle caprate / Etilo caprato
CH3(CH2)5COOCH2CH3
C12H24O2 $M = 200,32 \text{ g/mol}$ 1 L ≈ 0,86 kg
 assay (GC) 99%
 boiling range 240–242 °C
 refractive index (n_D^{20}) 1,425

FL.
 2914

250 ml 43,75 37,20 35,— 32,80

Ethyl caproate see Ethyl hexanoate

2-Ethylcaproic acid see 2-Ethylhexanoic acid

62267 Ethyl caprylate PROSYNTH®
A 3/4 *Ethyle caprylate / Etilo caprilato*
CH3(CH2)6COOC2H5
C10H20O2 $M = 172,27 \text{ g/mol}$ 1 L ≈ 0,87 kg
 assay (GC) 98%
 boiling range 206–208 °C
 refractive index (n_D^{20}) 1,418

FL.
 2914

250 ml 28,— 23,80 22,40 21,—

Ethyl carbamate see Urethane

62043 9-Ethylcarbazole PROSYNTH®
9-Ethylcarbazole / 9-Etilcarbazol
C6H4C6H4NC2H5
C14H13N $M = 195,26 \text{ g/mol}$
 assay (HPLC) 98%
 melting range 64–67 °C

WG.
 2935

250 g 43,25 36,75 34,60 32,45

Ethyl carbonate see Diethyl carbonate

15086 Ethylcellulose 7 mPa s
Ethylcellulose 7 mPa s / Etilcelulosa 7 mPa s
 viscosity ($[\eta]^{25}$, 5% in toluene/ethanol 80 + 20) 7 mPa s

WG.
 3903

500 g 50,— 42,50 40,— 38,50

15085 Ethylcellulose 45 mPa s
Ethylcellulose 45 mPa s / Etilcelulosa 45 mPa s
 viscosity ($[\eta]^{25}$, 5% in toluene/ethanol 80 + 20)
 45 mPa s

WG.
 3903

500 g 50,— 42,50 40,— 38,50

60102 Ethyl chloroacetate PROSYNTH®
A 6.1/81F *Ethyle chloroacétate / Etilo cloroacetato*
C 3.3 1181 2 ClCH2COOC2H5
 +53 °C C4H7ClO2 $M = 122,55 \text{ g/mol}$ 1 L ≈ 1,15 kg
 assay (GC) 99%
 boiling range 142–145 °C
 refractive index (n_D^{20}) 1,422

FL.
 2914

1 L 33,25 28,25 26,60 25,60



R: 23/24/25 S: 7/9-44
 disposal: 7







64387 Ethyl 2-chloroacetoacetate PROSYNTH®
A 6.1/81F *Ethyle chloro-2-acétoacétate / Etilo 2-cloroacetoacetato*
C 6.1 2810 2 CH3COCHClCOOCH2CH3
C6H9ClO3 $M = 164,59 \text{ g/mol}$ 1 L ≈ 1,18 kg

FL.
 2916

250 ml 13,25 11,25 10,60 9,95



R: 36/37/38 S: 26
 disposal: 7

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883	Ethyl 4-chloroacetoacetate PROSYNTH® 6.1/61F 6.1 2810 2 <i>Ethyle 4-chloroacétylcétate / Etilo 4-cloroacetoacétato</i> <chem>ClCH2COCH2COOC2H5</chem> <chem>C6H9ClO3</chem> $M = 164,59$ g/mol assay (GC) 97% boiling range (at 19 mbar) 113–115 °C refractive index (n_D^{20}) 1,452  R: 36/37/38 S: 26 disposal: 7	FL. 2916	50 ml	19,75	16,80	15,80	14,80
400	Ethyl 4-chlorobutyrate PROSYNTH® 3/4 71 °C <i>Ethyle 4-chlorobutyrate / Etilo 4-clorobutirato</i> <chem>Cl(CH2)3COOCH2CH3</chem> <chem>C6H11ClO2</chem> $M = 150,60$ g/mol assay (GC) 97% boiling range 184–186 °C refractive index (n_D^{20}) 1,431	FL. 2914	100 ml	53,—	45,05	42,40	39,75
093	Ethyl chloroformate PROSYNTH® 6.1/4C 3.2 1182 1 15 °C <i>Ethyle chloroformiate / Etilo cloroformiato</i> <chem>ClCOOC2H5</chem> <chem>C3H5ClO2</chem> $M = 108,52$ g/mol assay (GC) 98% boiling range 93–95 °C refractive index (n_D^{20}) 1,397   R: 11-23-36/37/38 S: 9-16-33-44 disposal: 7	FL. FL. 2914	500 ml 2,5 L	17,— 65,50	14,45 54,35	13,60 51,10	13,10 49,15
1322	1-Ethyl-3-chloropiperidinium chloride PROSYNTH® 50% solution in water <i>Ethyl-1-chloro-3-pipéridine chlorhydrate / 1-Etil-3-cloropiperidinio cloruro</i> <chem>C7H15Cl2N</chem> $M = 184,11$ g/mol assay (ex Cl) 50% keep cool à stocker au frais conservese frio	FL. 2935	25 ml	43,75	37,20	35,—	32,80
4428	Ethyl 2-chloropropionate PROSYNTH® 6.1/61F 6.1 2810 3 65 °C <i>Ethyle 2-chloropropionate / Etilo 2-cloropropionato</i> <chem>CH3CHClCOOCH2CH3</chem> <chem>C5H9ClO2</chem> $M = 136,58$ g/mol assay (GC) 97% boiling range 144–146 °C refractive index (n_D^{20}) 1,418  R: 20/21/22 S: 28 disposal: 7	FL. 2914	100 ml	89,50	76,10	71,60	67,15
2346	Ethyl 3-chloropropionate PROSYNTH® 3/4 3.3 1992 2 31 °C <i>Ethyle 3-chloropropionate / Etilo 3-cloropropionato</i> <chem>ClCH2CH2COOC2H5</chem> <chem>C5H9ClO2</chem> $M = 136,58$ g/mol assay (GC) 98% boiling range 160–162 °C refractive index (n_D^{20}) 1,425  R: 20/21/22 S: 28 disposal: 7	FL. 2914	100 ml	31,75	27,—	25,40	23,80
4406	S-Ethyl chlorothioformate PROSYNTH® 6.1/61F 6.1 2810 2 <i>S-Ethyle chlorothioformiate / S-Etilo clorotioformiato</i> <chem>CICOSC2H5</chem> <chem>C3H5ClOS</chem> $M = 124,59$ g/mol assay (GC) 95% boiling range 132–135 °C refractive index (n_D^{20}) 1,483  R: 23/24/25 S: 44 disposal: 7	FL. 2931	100 ml	25,25	21,45	20,20	18,95

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(16 Boxes)

62823 Ethyl cinnamate PROSYNTH®

Ethyle cinnamate / Etilo cinamato

C6H5CH=CHCOOC2H5
C11H12O2 $M = 176,21$ g/mol $1\text{ L} \approx 1,05$ kg
assay (GC) 98%
boiling range (at 13 mbar) 133–135 °C
refractive index (n_D^{20}) 1,559

FL.
2914

100 ml 19,— 16,15 15,20 14

62366 Ethyl crotonate PROSYNTH®

Ethyle crotonate / Etilo crotonato

A 3/1A
C 3.2 1993 2
+2 °C
CH3CH=CHCOOC2H5
C8H10O2 $M = 114,14$ g/mol $1\text{ L} \approx 0,92$ kg
assay (GC) 97%
boiling range 134–137 °C
refractive index (n_D^{20}) 1,425

FL.
2914

100 ml 12,75 10,85 10,20 9



R: 11 S: 9-16-33
disposal: 6

Ethyl cyanide see Propionitrile

60114 Ethyl cyanoacetate PROSYNTH®

Ethyle cyanacétate / Etilo cianacetato

A 6.1/21A
C 6.1 2810 3
+91 °C
NCCH2COOC2H5
C5H7NO2 $M = 113,12$ g/mol $1\text{ L} \approx 1,06$ kg
assay (GC) 99%
boiling range 207–209 °C
refractive index (n_D^{20}) 1,418

FL.
FL.
2927

500 ml 25,25 21,45 20,20 19
2,5 L 101,— 83,85 78,80 75

64365 N-Ethyl-N-cyanoethylaniline PROSYNTH®

N-Ethyl-N-cyanoéthylaniline / N-Etil-N-cianoetilanilina

A 6.1/21
C 6.1 2810 2
C6H5N(C2H5)C2H4CN
C11H14N2 $M = 174,25$ g/mol $1\text{ L} \approx 1,03$ kg
assay 96%
refractive index (n_D^{20}) 1,552

FL.
2927

100 ml 17,— 14,45 13,60 12



R: 23/24/25 S: 44
disposal: 6

63471 2-Ethylcyclohexanol mixture of cis and trans isomers PROSYNTH®

2-Ethylcyclohexanol / 2-Etilciclohexanol

HOCHCH(C2H5)(CH2)3CH2
C8H16O $M = 128,21$ g/mol $1\text{ L} \approx 0,92$ kg
assay (GC) 98%
boiling range (at 16 mbar) 74–78 °C
refractive index (n_D^{20}) 1,465

FL.
2905

50 ml 45,— 38,25* 36,— 33

64230 N-Ethylcyclohexylamine PROSYNTH®

N-Ethylcyclohexylamine / N-Etilciclohexilamina

A 3/4
C 8 1719 2
C2H5NHCH(CH2)4CH2
C8H17N $M = 127,23$ g/mol $1\text{ L} \approx 0,85$ kg
assay (GC) 98%
boiling range 162–164 °C
refractive index (n_D^{20}) 1,452

FL.
2922

250 ml 27,75 23,60 22,20 20

39296 S-Ethyl-L-cysteine BIOSYNTH®

S-Ethyl-L-cystéine / S-Etil-L-cisteína

C2H5SCH2CH(NH2)COOH
C5H11NO2S $M = 149,21$ g/mol

FL.
2931

1 g 19,75 16,80 15,80 14

64489 Ethyl 2,3-dibromopropionate PROSYNTH®

Ethyle 2,3-dibromopropionate / Etilo 2,3-dibromopropionato

A 6.1/81H
C 6.1 2810 3
CH2BrCHBrCOOCH2CH3
C6H8Br2O2 $M = 259,93$ g/mol $1\text{ L} \approx 1,79$ kg
assay (GC) 98%
boiling range 212–214 °C
refractive index (n_D^{20}) 1,501

FL.
2914

100 ml 33,75 28,70 27,— 25



R: 20/21/22 S: 28
disposal: 7

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
502	Ethyl diethoxyacetate PROSYNTH® <i>Ethyle diéthoxyacétate / Etilo dietoxiacetato</i> <chem>(C2H5O)2CHCOOC2H5</chem> <chem>C8H16O4</chem> $M = 176,21$ g/mol $1\text{ L} \approx 0,99$ kg assay (GC) 98% boiling range 197–199 °C refractive index (n_D^{20}) 1,411	FL. 2916	100 ml	54,—	45,90	43,20	40,50
504	Ethyl α,α-diethylacetoacetate PROSYNTH® <i>Ethyle α,α-diéthylacétoacétate / Etilo α,α-dietilacetoacetato</i> <chem>CH3COC(C2H5)2COOC2H5</chem> <chem>C10H18O3</chem> $M = 186,25$ g/mol $1\text{ L} \approx 0,97$ kg assay (GC) 95% boiling range (at 4 mbar) 61–64 °C refractive index (n_D^{20}) 1,432	FL. 2916	50 ml	37,50	31,90	30,—	28,15
303	Ethyl 1,3-dithiane-2-carboxylate PROSYNTH® <i>Ethyle dithiano-1-3-carboxylate-2 / Etilo 1,3-ditiano-2-carboxilato</i> <chem>SCH2CH2CH2SCHCOOCH2CH3</chem> <chem>C7H12O2S2</chem> $M = 192,30$ g/mol $1\text{ L} \approx 1,22$ kg assay (GC) 99% boiling range (at 1,1 mbar) 88–90 °C refractive index (n_D^{20}) 1,541	FL. 2935	10 ml	96,50	82,05	77,20	72,40
279	Ethyle β-alaninate hydrochloride BIOSYNTH® <i>Ethyle β-alaninate chlorhydrate / Etilo β-alaninato clorhidrato</i> <chem>NH2CH2CH2COOCH2CH3 · HCl</chem> <chem>C5H12ClNO2</chem> $M = 153,61$ g/mol	WG. 2923	10 g	45,75	38,90	36,60	34,30
	Ethylene bromide see 1,2-Dibromoethane Ethylene bromohydrin see 2-Bromoethanol						
402	Ethylene carbonate PROSYNTH® <i>Ethylène carbonate / Etileno carbonato</i> <chem>OCH2CH2OCO</chem> <chem>C3H4O3</chem> $M = 88,06$ g/mol assay (GC) 99,5% congealing point 36 °C	PF. 2921	1 kg	32,75	27,85	26,20	25,20
	Ethylene chloride see 1,2-Dichloroethane Ethylene chlorohydrin see 2-Chloroethanol Ethylenecyanhydrine see 3-Hydroxypropionitrile Ethylenediamine see 1,2-Diaminoethane						
248	Ethylenediaminetetraacetic acid pure <i>Acide éthylènediaminotétraacétique / Acido etilendiaminotetraacético</i> <chem>(HOOCCH2)2NCH2CH2N(CH2COOH)2</chem> <chem>C10H16N2O8</chem> $M = 292,25$ g/mol assay 98% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,005% sulphate (SO4) 0,05%	PF. S. 2923	1 kg 25 kg	43,50 kg	37,— 15,25	34,80	33,50
1072	Ethylenediaminetetraacetic acid dipotassium salt dihydrate PROSYNTH® <i>Acide éthylènediaminotétraacétique sel dipotassique dihydraté / Acido etilendiaminotetraacético sal dipotásica dihidrato</i> <chem>HOOCCH2(KOOCCH2)NCH2CH2N(CH2COOK)CH2COOH · 2H2O</chem> <chem>C10H14K2N2O8 · 2H2O</chem> $M = 404,46$ g/mol assay 99%	WG. 2923	100 g	21,75	18,50	17,40	16,30

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Price per
package DM

1x

6x

(1 Box)





24x

(4 Boxes)

96x

(16 Boxes)

27285	Ethylenediaminetetraacetic acid disodium salt dihydrate chem. pure B. P. 1973, Ph. Nord. 1963 <i>Acide éthylènediaminotétraacétique sel disodique dihydrate</i> <i>/ Acido etilendiaminotetraacético sal disódica dihidrato</i> $\text{HOOCCH}_2(\text{NaOOCCH}_2)\text{NCH}_2\text{CH}_2\text{N}(\text{CH}_2\text{COONa})\text{CH}_2\text{COOH} \cdot 2\text{H}_2\text{O}$ $\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2\text{H}_2\text{O}$ $M = 372,24 \text{ g/mol}$ assay 99% loss on drying (120 °C) 8,5—10,0% pH (2%, 20 °C) 4,0—5,0 melting range 244—250 °C lead (Pb) 0,001% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,01% cyanide (CN) 0,001% sulphate (SO ₄) 0,05%	PF. S. 2923	1 kg	55,50	47,20	44,40	42
			25 kg	price on request			
27270	Ethylenediaminetetraacetic acid disodium salt dihydrate pure <i>Acide éthylènediaminotétraacétique sel disodique dihydrate</i> <i>/ Acido etilendiaminotetraacético sal disódica dihidrato</i> $\text{HOOCCH}_2(\text{NaOOCCH}_2)\text{NCH}_2\text{CH}_2\text{N}(\text{CH}_2\text{COONa})\text{CH}_2\text{COOH} \cdot 2\text{H}_2\text{O}$ $\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2\text{H}_2\text{O}$ $M = 372,24 \text{ g/mol}$ assay 97% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,1%	PF. S. 2923	1 kg	45,—	38,25	36,—	34,
			45 kg	price on request			
	Ethylenediaminetetraacetic acid disodium salt see also IDRANAL® III						
	Ethylenediaminetetraacetic acid for complexometric titrations see IDRANAL® II						
	Ethylenediaminetetraacetic acid magnesium-dipotassium salt see IDRANAL® (Magnesium-IDRANAL®)						
27261	Ethylenediaminetetraacetic acid tetrasodium salt pure <i>Acide éthylènediaminotétraacétique sel tétrasodique</i> <i>/ Acido etilendiaminotetraacético sal tetrasódica</i> $(\text{NaOOCCH}_2)_2\text{NCH}_2\text{CH}_2\text{N}(\text{CH}_2\text{COONa})_2 \cdot n\text{H}_2\text{O}$ $\text{C}_{10}\text{H}_{12}\text{N}_2\text{Na}_4\text{O}_8 \cdot n\text{H}_2\text{O}$ $M = (\text{anhydrous}) 380,17 \text{ g/mol}$ assay of $\text{C}_{10}\text{H}_{12}\text{N}_2\text{Na}_4\text{O}_8$ 80% water (according to Karl Fischer) 5% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,005% sulphate (SO ₄) 0,2%	WG. S. 2923	1 kg	55,50	47,20	44,40	42,
			25 kg	price on request			
64073	Ethylenediaminetetraacetic acid trisodium salt PROSYNTH® <i>Acide éthylènediaminotétraacétique sel trisodique</i> <i>/ Acido etilendiaminotetraacético sal trisódica</i> $(\text{NaOOCCH}_2)_2\text{NCH}_2\text{CH}_2\text{N}(\text{CH}_2\text{COONa})\text{CH}_2\text{COOH}$ $\text{C}_{10}\text{H}_{13}\text{N}_2\text{Na}_3\text{O}_8$ $M = 358,19 \text{ g/mol}$ assay 95%	PF. 2923	500 g	35,—	29,75	28,—	26,5
	Ethylenediaminetetraacetic acid zinc-disodium salt see IDRANAL® (Zinc-IDRANAL®)						
	Ethylene dichloride see 1,2-Dichloroethane						
	Ethylenedimercaptan see Ethanedithiol-(1,2)						
	Ethylenedinitrilotetraacetic acid and salts see Ethylenediaminetetraacetic acid and salts						




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33068	Ethylene glycol R. G. <i>Ethylèneglycol / Etilenglicol</i> <chem>HOCH2CH2OH</chem> <chem>C2H6O2</chem> $M = 62,07$ g/mol 1 L \approx 1,11 kg assay (GC) min. 99,5% boiling range 195—197 °C density (D_4^{20}) 1,113—1,114 refractive index (n_D^{20}) 1,4300—1,4330 water (according to Karl Fischer) max. 0,1% sulphated ash max. 0,005% free acid (as <chem>CH3COOH</chem>) max. 0,001% iron (Fe) max. 0,00002% chloride (Cl) max. 0,00002% <chem>KMnO4</chem> red. matters (as O) max. 0,0003% reaction to sulphuric acid passes test formaldehyde max. 0,005% <div>  <div>R: 22 S: 2 disposal: 6</div> </div>	PF. FPF. 2904	1 L 30 kg	31,75 kg	27,— 9,25	24,75	23,50
24204	Ethylene glycol <i>Ethylèneglycol / Etilenglicol</i> <chem>HOCH2CH2OH</chem> <chem>C2H6O2</chem> $M = 62,07$ g/mol 1 L \approx 1,11 kg boiling range 195—197 °C density (D_4^{20}) 1,113—1,114 refractive index (n_D^{20}) 1,4300—1,4330 <div>  <div>R: 22 S: 2 disposal: 6</div> </div>	PF. PF. FPF. FPF. FPF. F. 2904	1 L 2,5 L 30 kg 5x 15x 220 kg	28,25 60,50 kg kg kg kg	24,— 50,20 5,80 5,30 5,— 4,70	22,60 47,20	21,75 45,40
09032	Ethylene glycol-d_4 deuteration degree not less than 99 atom % D <i>Éthylèneglycol-d_4 / Etilenglicol-d_4</i> <chem>HOCD2CD2OH</chem> <chem>C2H2D4O2</chem> $M = 66,04$ g/mol 1 L \approx 1,19 kg <div>  <div>R: 22 S: 2 disposal: 6</div> </div>	A. 2851	1 ml	53,50	45,50	42,80	40,15
09033	Ethylene glycol-d_6 deuteration degree not less than 99 atom % D <i>Éthylèneglycol-d_6 / Etilenglicol-d_6</i> <chem>DOCD2CD2OD</chem> <chem>C2D6O2</chem> $M = 68,02$ g/mol 1 L \approx 1,22 kg <div>  <div>R: 22 S: 2 disposal: 6</div> </div>	A. 2851	1 ml	53,50	45,50	42,80	40,15
39600	Ethylene glycol adipate for gas chromatography <i>Ethylèneglycol adipate / Etilenglicol adipato</i> <chem>[-OCH2CH2OCO(CH2)4CO-]_n</chem> <chem>(C8H12O4)_n</chem> $M = (172,18)_n$ g/mol working temperature 100 to 210 °C	WG. 2915	25 g	99,—	84,15	79,20	74,25
39606	Ethylene glycol-bis-(2-cyanoethyl ether) for gas chromatography <i>Ethylèneglycol-bis-(2-cynoéthyléther) / Etilenglicol bis-(2-cianoetileter)</i> <chem>C8H12N2O2</chem> $M = 168,20$ g/mol 1 L \approx 1,07 kg working temperature to 150 °C	FL. 2927	25 ml	13,50	11,50	10,80	10,15
60437	Ethylene glycol-bis-(2-hydroxyethyl ether) see Triethylene glycol Ethylene glycol-n-butyl-$tert$-butyl ether PROSYNTH® <i>Ethylèneglycol-n-butyl-$tert$-butyléther / Etilenglicol-n-butil-$tert$-butileter</i> <chem>C4H9OCH2CH2OC(CH3)3</chem> <chem>C10H22O2</chem> $M = 174,28$ g/mol 1 L \approx 0,83 kg assay 95%	FL. 2908	500 ml	43,75	37,20	35,—	33,70




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Ethylene glycol diethyl ether see 1,2-Diethoxyethane		FL.	250 ml	41,50	35,30	33,20	31,15
62044	Ethylene glycol dimethacrylate PROSYNTH® stabilized with hydroquinone (60 mg/l) <i>Ethylèneglycol diméthacrylate / Etilenglicol dimetacrilato</i> $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_2\text{CH}_2\text{OCO}(\text{CH}_3)=\text{CH}_2$ $\text{C}_{10}\text{H}_{14}\text{O}_4$ $M=198,22$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 98% refractive index (n_D^{20}) 1,455  R: 36/37 disposal: 6	2914					
Ethylene glycol dimethylether see 1,2-Dimethoxyethane		FL.	500 ml	price on request			
60436	Ethylene glycol ethyl-tert.-butyl ether PROSYNTH® <i>Ethylèneglycol éthyl-tert.-butyléther / Etilenglicol etil-tert.-butileter</i> $\text{C}_2\text{H}_5\text{OCH}_2\text{CH}_2\text{OC}(\text{CH}_3)_3$ $\text{C}_8\text{H}_{18}\text{O}_2$ $M=146,23$ g/mol $1\text{ L} \approx 0,84$ kg assay 95% R: 10 disposal: 6	2908					
39634	Ethylene glycol isophthalate for gas chromatography <i>Ethylèneglycol isophtalate / Etilenglicol isoftalato</i> $(-\text{OCH}_2\text{CH}_2\text{OCOC}_6\text{H}_4\text{CO}-)_n$ $(\text{C}_{10}\text{H}_8\text{O}_4)_n$ $M=(192,17)_n$ g/mol working temperature 100 to 225 °C	WG. 2915	50 g	76,50	65,05	61,20	57,40
60435	Ethylene glycol methyl-tert.-butyl ether PROSYNTH® <i>Ethylèneglycol méthyl-tert.-butyléther / Etilenglicol metil-terc.-butileter</i> $\text{CH}_3\text{OCH}_2\text{CH}_2\text{OC}(\text{CH}_3)_3$ $\text{C}_7\text{H}_{16}\text{O}_2$ $M=132,20$ g/mol $1\text{ L} \approx 0,84$ kg assay (GC) 98% R: 10 disposal: 6	FL. 2908	500 ml	43,75	37,20	35,—	33,70
24215	Ethylene glycol monobutyl ether <i>Ether monobutylique de l'éthylèneglycol / Eter monobutilico del etilenglicol</i> $\text{CH}_3(\text{CH}_2)_3\text{OCH}_2\text{CH}_2\text{OH}$ $\text{C}_8\text{H}_{18}\text{O}_2$ $M=118,18$ g/mol $1\text{ L} \approx 0,90$ kg boiling range 169—171 °C density (D_4^{20}) 0,901—0,903 refractive index (n_D^{20}) 1,4190—1,4200  R: 37 S: 24/25 disposal: 6	FL. FL. EKL. 2908	1 L 2,5 L 25 kg	15,— 31,50 price on request	12,75 26,15	12,— 24,55	11,55 23,65
24206	Ethylene glycol monoethyl ether <i>Ether monoéthylique de l'éthylèneglycol / Eter monoetilico del etilenglicol</i> $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_2\text{OH}$ $\text{C}_4\text{H}_{10}\text{O}_2$ $M=90,12$ g/mol $1\text{ L} \approx 0,93$ kg  R: 10-38 S: 24 disposal: 6	FL. FL. EKL. F. 2908	1 L 2,5 L 30 kg 190 kg	19,25 40,50 price on request price on request	16,35 33,60	15,40 31,60	14,80 30,40

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
157	Ethylene glycol monomethyl ether R. G. <i>Ether monométhylrique de l'éthylèneglycol / Eter monometilico del etilenglicol</i> $\text{CH}_2(\text{OH})\text{CH}_2(\text{OCH}_3)$ $\text{C}_3\text{H}_8\text{O}_2$ $M = 76,10$ g/mol $1 \text{ L} \approx 0,96 \text{ kg}$ assay (GC) min. 98% boiling range $123-126^\circ\text{C}$ density (D_4^{20}) $0,964-0,966$ refractive index (n_D^{20}) $1,4010-1,4030$ non-volatile matter max. 0,002% water (according to Karl Fischer) max 0,2%  R: 10-37 S: 24/25 disposal: 6	FL. FL. 2908	1 L 2,5 L	22,75 47,75	19,35 39,65	18,20 37,25	17,50 35,80
7936	Ethylene glycol monomethyl ether PURANAL® <i>Ether monométhylrique de l'éthylèneglycol / Eter monometilico del etilenglicol</i> $\text{CH}_2(\text{OH})\text{CH}_2(\text{OCH}_3)$ $\text{C}_3\text{H}_8\text{O}_2$ $M = 76,10$ g/mol $1 \text{ L} \approx 0,96 \text{ kg}$ assay (GC) min. 99,5% boiling range $123-126^\circ$ density (D_4^{20}) $0,964-0,966$ refractive index (n_D^{20}) $1,4010-1,4030$ non-volatile matter max. 10 ppm water (according to Karl Fischer) max. 1000 ppm free acid (as H_2SO_4) max. 50 ppm lead (Pb) max. 0,05 ppm cadmium (Cd) max. 0,05 ppm iron (Fe) max. 0,1 ppm cobalt (Co) max. 0,02 ppm copper (Cu) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,02 ppm sodium (Na) max. 0,5 ppm nickel (Ni) max. 0,02 ppm zinc (Zn) max. 0,1 ppm peroxides (as H_2O_2) max. 3 ppm  R: 10-37 S: 24/25 disposal: 6	FL. 2908	1 L	price on request			
4234	Ethylene glycol monomethyl ether <i>Ether monométhylrique de l'éthylèneglycol / Eter monometilico del etilenglicol</i> $\text{CH}_2(\text{OH})\text{CH}_2(\text{OCH}_3)$ $\text{C}_3\text{H}_8\text{O}_2$ $M = 76,10$ g/mol $1 \text{ L} \approx 0,96 \text{ kg}$ assay (GC) 98% boiling range $123-126^\circ\text{C}$ density (D_4^{20}) $0,964-0,966$ refractive index (n_D^{20}) $1,4010-1,4030$ non-volatile matter 0,002% water (according to Karl Fischer) 0,2%  R: 10-37 S: 24/25 disposal: 6	FL. FL. EKL. F. 2908	1 L 2,5 L 30 kg 190 kg	17,25 36,— price on request price on request	14,65 29,90	13,80 28,10	13,30 27,—
9649	Ethylene glycol sebacate for gas chromatography <i>Ethylèneglycol sébacate / Etilenglicol sebacato</i> $[-\text{OCH}_2\text{CH}_2\text{OCO}(\text{CH}_2)_8\text{CO}-]_n$ $(\text{C}_{12}\text{H}_{20}\text{O}_4)_n$ $M = (228,29)_n$ g/mol working temperature 90 to 200°C	WG. 2915	50 g	100,—	85,—	80,—	75,—
9612	Ethylene glycol succinate for gas chromatography <i>Ethylèneglycol succinate / Etilenglicol succinato</i> $[-\text{OCH}_2\text{CH}_2\text{OCOCH}_2\text{CH}_2\text{CO}-]_n$ $(\text{C}_8\text{H}_{10}\text{O}_4)_n$ $M = (144,13)_n$ g/mol working temperature 100 to 200°C Ethyleneiodohydrine see 2-Iodoethanol	WG. 2915	50 g	119,—	101,15	95,20	89,25

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24x




96

(1 Box)

(4 Boxes)

(16 Boxes)

62047	Ethylene oxide PROSYNTH®	2909	1 pack	42,75	36,35	34,20	32,
A 2/11CT	<i>Ethylène oxyde / Etileno óxido</i>						
C 2 1040	<chem>CH2CH2O</chem>						
	<chem>C2H4O</chem> M = 44,05 g/mol						
	1 L ≈ 0,88 kg						
	assay (GC) 99%						
	boiling range 11–13 °C						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						
	Ethylene tetrachloride see Tetrachloroethylene						
63473	N,N'-Ethylenethiourea PROSYNTH®	WG.	250 g	38,50	32,75	30,80	28,
	<i>N,N'-Ethylènthiourée / N,N'-Etilentiourea</i>	2935					
	<chem>CH2CH2NHCSNH</chem>						
	<chem>C3H6N2S</chem> M = 102,16 g/mol						
	assay (ex N) 97%						
	melting range 198–200 °C						
	Ethylene trichloride see Trichloroethylene						
15076	N,N'-Ethyleneurea	PF.	500 g	22,50	19,15	18,—	17,
A 6.1/21	<i>N-N'-Ethylèneuré / N,N'-Etilenurea</i>	2935					
C 6.1 2811 2	<chem>NHCONHCH2CH2</chem>						
	<chem>C3H6N2O</chem> M = 86,09 g/mol						
	assay 90%						
	water 10%						
	Ethylesternitrile see Ethyl sec.-butylcyanoacetate						
64386	Ethyl ethoxymethylenecyanoacetate PROSYNTH®	WG.	25 g	25,75	21,90	20,60	19,
A 6.1/21	<i>Ethyle éthoxyméthylèncyanoacétate / Etilo</i>	2914					
C 6.1 2811 2	<i>etoximetilencianoacetato</i>						
	<chem>C2H5OCH=C(CN)COOC2H5</chem>						
	<chem>C6H11NO3</chem> M = 169,18 g/mol						
	1 L ≈ 0,96 kg						
	assay (GC) 97%						
	melting range 49–51 °C						
63474	N-Ethylethylenediamine PROSYNTH®	FL.	5 ml	23,50	20,—	18,80	17,
A 8/35	<i>N-Ethyléthylènediamine / N-Etiletilenodiamina</i>	2922					
C 3.3 1993 2	<chem>C2H5NHCH2CH2NH2</chem>						
+34 °C	<chem>C4H12N2</chem> M = 88,15 g/mol						
	1 L ≈ 0,84 kg						
	assay (GC) 95%						
	boiling range 128–131 °C						
	refractive index (n _D ²⁰) 1,439						
61289	Ethyl fluoroacetate PROSYNTH®	FL.	50 ml	38,25	32,50	30,60	28,
A 6.1/61	<i>Ethyle fluoroacétate / Etilo fluoroacetato</i>	2914					
B 6.1/61F	<chem>FCH2COOCH2CH3</chem>						
C 3.3 1992 2	<chem>C4H7FO2</chem> M = 106,10 g/mol						
+31 °C	assay (GC) 98%						
	boiling range 115–118 °C						
	refractive index (n _D ²⁰) 1,377						
							
	R: 26/27/28 S: 1/2-13-45						
	disposal: 7						
61246	Ethyl 2-fluorobenzoate PROSYNTH®	FL.	100 ml	72,—	61,20	57,60	54,
A 6.1/12	<i>Ethyle 2-fluorobenzoate / Etilo 2-fluorobenzoato</i>	2914					
C 6.1 2810 2	<chem>FC6H4COOC2H5</chem>						
	<chem>C9H9FO2</chem> M = 168,17 g/mol						
	1 L ≈ 1,14 kg						
	assay (GC) 97%						
	boiling range 217–220 °C						
	refractive index (n _D ²⁰) 1,491						
61247	Ethyl 3-fluorobenzoate PROSYNTH®	FL.	50 ml	223,—	189,55	178,40	167,2
A 6.1/12	<i>Ethyle 3-fluorobenzoate / Etilo 3-fluorobenzoato</i>	2914					
C 6.1 2810 2	<chem>FC6H4COOC2H5</chem>						
	<chem>C9H9FO2</chem> M = 168,17 g/mol						
	1 L ≈ 1,13 kg						
	assay (GC) 98%						

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248 6.1/23 6.1 2810 2	Ethyl 4-fluorobenzoate PROSYNTH® <i>Ethyle 4-fluorobenzoate / Etilo 4-fluorobenzoato</i> <chem>FC6H4COOCH2CH3</chem> <chem>C9H9FO2</chem> $M = 168,17$ g/mol $1\text{ L} \approx 1,10$ kg	FL. 2914	100 ml	130,—	110,50	104,—	97,50
1813	Ethyl 4-fluorobenzoate <i>Ethyle 4-fluorobenzoate / Etilo 4-fluorobenzoato</i> <chem>FC6H4COOCH2CH3</chem> <chem>C9H9FO2</chem> $M = 168,17$ g/mol $1\text{ L} \approx 1,10$ kg	2914					
	Ethyl 4-fluorophenyl ketone see 4-Fluoropropiophenone						
2023 3/1A 3.1 1190 2 0 °C	Ethyl formate PROSYNTH® <i>Ethyle formiate / Etilo formiato</i> <chem>HCOOC2H5</chem> <chem>C3H6O2</chem> $M = 74,08$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 97% boiling range 52—54 °C refractive index (n_D^{20}) 1,360  R: 11 S: 9-16-33 disposal: 6	FL. 2914	1 L	25,75	21,90	20,60	19,85
2612	Ethyl 2-furancarboxylate PROSYNTH® <i>Ethyle furannecarboxylate-2 / Etilo 2-furancarboxilato</i> <chem>OCH=CHCH=CCOOC2H5</chem> <chem>C7H8O3</chem> $M = 140,14$ g/mol assay (GC) 98% melting range 32—34 °C	FL. 2935	100 g	39,75	33,80	31,80	29,80
5011 3/4 65 °C	Ethyl 3-furancarboxylate PROSYNTH® <i>Ethyle furannecarboxylate-3 / Etilo 3-furancarboxilato</i> <chem>CH=CHOCH=CCOOC2H5</chem> <chem>C7H8O3</chem> $M = 140,14$ g/mol $1\text{ L} \approx 1,12$ kg assay (GC) 98% boiling range (at 47 mbar) 92—94 °C refractive index (n_D^{20}) 1,463	FL. 2935	5 ml	24,25	20,60	19,40	18,20
9086	Ethyl glycinate hydrochloride BIOSYNTH® <i>Ethyle glycinate chlorhydrate / Etilo glicinato clorhidrato</i> <chem>NH2CH2COOC2H5 · HCl</chem> <chem>C4H10ClNO2</chem> $M = 139,58$ g/mol assay (ex N) 99% melting range 143—145 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. 2923	250 g	51,50	43,80	41,20	38,65
	Ethyl glycol see Ethylene glycol monoethyl ether						
2878 3/4 3.3 1993 2	Ethylglycol bromoacetate <i>Ethylglycol bromoacétate / Etilglicol bromoacetato</i> <chem>CH3CH2OCH2CH2OCOCH2Br</chem> <chem>C6H11BrO3</chem> $M = 211,06$ g/mol $1\text{ L} \approx 1,42$ kg assay 98% boiling range (at 24 mbar) 117—120 °C  R: 20-36/37/38 disposal: 7	FL. 2914	1 L	price on request			
2029 6.1/62 6.1 2810 3	Ethylglycol tetrafluoroethyl ether PROSYNTH® <i>Ethylglycol tétrafluoroéthyléther / Etilglicol tetrafluoroetiléter</i> <chem>HCF2CF2OCH2CH2OC2H5</chem> <chem>C6H10F4O2</chem> $M = 190,14$ g/mol $1\text{ L} \approx 1,21$ kg assay 98%  R: 36/37/38 S: 26 disposal: 7	FL. 2908	100 ml	100,—	85,—	80,—	75,—
	Ethyl green see Brilliant green						

Code Number
A) RID ADR
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)




6x
(4 Boxes)

24x
(16 Boxes)


96x
(64 Boxes)

23225	Ethyl guaiacol glycolate <i>Ethyle gaïacolglycolate / Etilo guayacolglicolato</i> <chem>C6H4(OCH3)OCH2COOC2H5</chem> <chem>C11H14O4</chem> $M = 210,23$ g/mol	FL. 2908	100 ml	price on request			
60318	Ethylguanidinium hydrochloride PROSYNTH® <i>Ethylguanidine chlorhydrate / Etilguanidina clorhidrato</i> <chem>C2H5NHC(=NH)NH2 · HCl</chem> <chem>C3H10ClN3</chem> $M = 123,59$ g/mol assay (ex Cl) 99% melting range 121–123 °C	WG. 2926	100 g	47,50	40,40	38,—	35
Ethyl heptyl ketone see Decanone-(3)							
64620	Ethyl hexanoate PROSYNTH® <i>Ethyle hexanoate / Etilo hexanoato</i> <chem>CH3(CH2)4COOC2H5</chem> <chem>C8H16O2</chem> $M = 144,21$ g/mol $1\text{ L} \approx 0,87$ kg assay (GC) 98% boiling range 165–167 °C refractive index (n_D^{20}) 1,408	FL. 2914	250 ml	31,50	26,80	25,20	23
15061	2-Ethylhexanoic acid pure <i>Acide éthyl-2-hexanoïque / Acido 2-etilhexanóico</i> <chem>CH3(CH2)3CH(CH2CH3)COOH</chem> <chem>C8H16O2</chem> $M = 144,21$ g/mol $1\text{ L} \approx 0,91$ kg assay 99%	PF. FPF. F. 2914	1 L 50 kg 180 kg	17,25 price on request price on request	14,65	13,80	13
60380	2-Ethylhexanol PROSYNTH® <i>2-Ethylhexanol / 2-Etilhexanol</i> <chem>CH3(CH2)3CH(C2H5)CH2OH</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,83$ kg assay (GC) 99% boiling range 183–186 °C refractive index (n_D^{20}) 1,431	FL. 2904	1 L	15,75	13,40	12,60	12
60462	2-Ethylhexylamine PROSYNTH® <i>2-Ethylhexylamine / 2-Etilhexilamina</i> <chem>CH3(CH2)3CH(C2H5)CH2NH2</chem> <chem>C8H19N</chem> $M = 129,24$ g/mol $1\text{ L} \approx 0,79$ kg assay (GC) 98% boiling range 168–170 °C refractive index (n_D^{20}) 1,431	FL. 2922	250 ml	18,—	15,30	14,40	13
Ethyl hexyl ketone see Nonanone-(3)							
63476	Ethyl 3-hydroxybenzoate PROSYNTH® <i>Ethyle 3-hydroxybenzoate / Etilo 3-hidroxibenzoato</i> <chem>HOC6H4COOC2H5</chem> <chem>C9H10O3</chem> $M = 166,18$ g/mol assay (HPLC) 99% melting range 71–73 °C	WG. 2916	25 g	29,50	25,10	23,60	22
62049	N-Ethyl-N-(2-hydroxyethyl)-p-phenylenediamine sulphate PROSYNTH® <i>N-Ethyl-N-(2-hydroxyéthyl)-p-phénylènediamine sulfate / N-Etil-N-(2-hidroxietil)-p-fenilendiamina sulfato</i> <chem>HOCH2CH2(C2H5)NC6H4NH2 · H2SO4</chem> <chem>C10H18N2O5S</chem> $M = 278,33$ g/mol assay (ex S) 99% melting range 178–180 °C	WG. 2923	100 g	28,—	23,80	22,40	21
64239	1-Ethylimidazole PROSYNTH® <i>Ethyl-1-imidazole / 1-Etilimidazol</i> <chem>CH=CHN=CHNC2H5</chem> <chem>C5H8N2</chem> $M = 96,13$ g/mol $1\text{ L} \approx 0,99$ kg assay (GC) 99% boiling range 206–210 °C refractive index (n_D^{20}) 1,487	FL. 2935	100 ml	44,50	37,85	35,60	33

Ethyl iodide see Iodoethane

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7718	Ethyl lactate		FL.	1 L	21,50	18,30	17,20	16,55
3/3	<i>Ethyle lactate / Etilo lactato</i>		FL.	2,5 L	45,25	37,55	35,30	33,95
3.3 1192 3	CH ₃ CH(OH)COOC ₂ H ₅		FPF.	60 kg	price on request			
46°C	C ₅ H ₁₀ O ₃ M = 118,13 g/mol 1 L ≈ 1,04 kg		2916					
	assay (GC) 99%							
	density (D ₄ ²⁰) 1,034—1,035							
	refractive index (n _D ²⁰) 1,4120—1,4130							
	non-volatile matter 0,005%							
	free lactic acid 0,02%							
	R: 10 S: 23 disposal: 6							
4658	Ethyl levulinate PROSYNTH®		FL.	100 ml	32,25	27,40	25,80	24,20
3/4	<i>Ethyle lévulate / Etilo levulinato</i>		2916					
96°C	CH ₃ COCH ₂ CH ₂ COOCH ₂ CH ₃							
	C ₇ H ₁₂ O ₃ M = 144,17 g/mol 1 L ≈ 1,01 kg							
	assay (GC) 99%							
	boiling range 203—205 °C							
	refractive index (n _D ²⁰) 1,422							
3480	N-Ethylmaleimide PROSYNTH®		WG.	5 g	37,25	31,65	29,80	27,95
8/35	<i>N-Ethylmaléimide / N-Etilmaleimida</i>		2926					
8 1759 2	C ₂ H ₅ NCOCH = CHCO							
	C ₆ H ₇ NO ₂ M = 125,13 g/mol							
	assay (ex N) 97%							
	melting range 43—45 °C							
	 R: 23/24/25 S: 44 disposal: 20							
39278	N-Ethylmaleimide BIOSYNTH®		WG.	5 g	40,—	34,—	32,—	30,—
8/35	<i>N-Ethylmaléimide / N-Etilmaleimida</i>		2926					
8 1759 2	C ₂ H ₅ NCOCH = CHCO							
	C ₆ H ₇ NO ₂ M = 125,13 g/mol							
	Ethyl malonate see Diethyl malonate							
34357	Ethylmalonic acid PROSYNTH®		WG.	10 g	31,25	26,55	25,—	23,45
	<i>Acide éthylmalonique / Acido etilmalónico</i>		2915					
	C ₂ H ₅ CH(COOH) ₂							
	C ₅ H ₈ O ₄ M = 132,12 g/mol							
	assay (alkalimetric) 98%							
	melting range 110—112 °C							
54670	Ethyl mandelate PROSYNTH®		FL.	100 ml	29,25	24,85	23,40	21,95
	<i>Ethyle mandélate / Etilo amigdalato</i>		FL.	250 ml	66,50	56,55	53,20	49,90
	C ₆ H ₅ CH(OH)COOCH ₂ CH ₃		2916					
	C ₁₀ H ₁₂ O ₃ M = 180,20 g/mol 1 L ≈ 1,13 kg							
	assay (GC) 99%							
	boiling range (at 20 mbar) 139—141 °C							
	refractive index (n _D ²⁰) 1,513							
	Ethyl mercaptan see Ethanethiol							
62748	Ethyl methacrylate PROSYNTH® stabilized with		FL.	500 ml	20,50	17,45	16,40	15,80
3/1A	hydroquinone mono methylether (60 mg/l)		2914					
3.3 2277 2	<i>Ethyle méthacrylate / Etilo metacrilato</i>							
— 20°C	CH ₂ = C(CH ₃)COOC ₂ H ₅							
	C ₆ H ₁₀ O ₂ M = 114,14 g/mol 1 L ≈ 0,91 kg							
	assay (GC) 99%							
	boiling range 117—119 °C							
	refractive index (n _D ²⁰) 1,417							
	  R: 11-36/37/38 S: 9-16-29-33 disposal: 6							



de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
902	Ethyl orange indicator <i>Orangé d'éthyle / Anaranjado de etilo</i> $\text{HO}_3\text{SC}_6\text{H}_4\text{N} = \text{NC}_6\text{H}_4\text{N}(\text{C}_2\text{H}_5)_2$ $\text{C}_{16}\text{H}_{19}\text{N}_3\text{O}_3\text{S}$ $M = 333,41$ g/mol	WG. 3205	5 g	20,75	17,65	16,60	15,55
	Ethyl orthopropionate see Triethyl orthopropionate Ethyl oxalate see Diethyl oxalate Ethyl-3-oxophenylpropionate see Ethyl benzoylacetate						
4767 3/4 94 °C	Ethyl pelargonate PROSYNTH® <i>Ethyle pélargonate / Etilo pelargonato</i> $\text{CH}_3(\text{CH}_2)_7\text{COOC}_2\text{H}_5$ $\text{C}_{11}\text{H}_{22}\text{O}_2$ $M = 186,29$ g/mol $1 \text{ L} \approx 0,86$ kg assay (GC) 90% boiling range (at 13 mbar) 100–103 °C	FL. 2914	100 ml	17,50	14,90	14,—	13,15
	α-Ethylpentamethylenimine see 2-Ethylpiperidine Ethyl pentylcarbinol see Octanol-(3) Ethyl pentyl ketone see Octanone-(3)						
1443 3/1A 3.2 1993 2 -12 °C	Ethyl perfluorobutyrate PROSYNTH® <i>Ethyle perfluorobutyrate / Etilo perfluorobutirato</i> $\text{CF}_3\text{CF}_2\text{CF}_2\text{COOC}_2\text{H}_5$ $\text{C}_6\text{H}_5\text{F}_7\text{O}_2$ $M = 242,09$ g/mol $1 \text{ L} \approx 1,39$ kg assay (alkalimetric) 98% boiling range 95–98 °C refractive index (n_D^{20}) 1,304	FL. 2914	10 ml	35,50	30,20	28,40	26,65
	 R: 11 S: 9-16-33 disposal: 7						
1446 3/3 3.3 1993 2 +32 °C	Ethyl perfluorocaprylate PROSYNTH® <i>Ethyle perfluorocaprylate / Etilo perfluorocaprilato</i> $\text{CF}_3(\text{CF}_2)_6\text{COOC}_2\text{H}_5$ $\text{C}_{10}\text{H}_5\text{F}_{15}\text{O}_2$ $M = 442,12$ g/mol $1 \text{ L} \approx 1,62$ kg assay (GC) 95% R: 10 disposal: 7	FL. 2914	5 ml	63,50	54,—	50,80	47,65
1034 61034	Ethyl perfluoroheptanoate PROSYNTH® <i>Ethyle perfluoroheptanoate / Etilo perfluoroheptanoato</i> $\text{CF}_3(\text{CF}_2)_5\text{COOC}_2\text{H}_5$ $\text{C}_9\text{H}_5\text{F}_{13}\text{O}_2$ $M = 392,12$ g/mol $1 \text{ L} \approx 1,65$ kg assay (GC) 97% boiling range (at 19 mbar) 73–75 °C refractive index (n_D^{20}) 1,311	FL. 2914	25 ml	82,50	70,15	66,—	61,90
1037 61037	Ethyl perfluorononanoate PROSYNTH® <i>Ethyle perfluorononanoate / Etilo perfluorononanoato</i> $\text{CF}_3(\text{CF}_2)_7\text{COOC}_2\text{H}_5$ $\text{C}_{11}\text{H}_5\text{F}_{17}\text{O}_2$ $M = 492,13$ g/mol $1 \text{ L} \approx 1,65$ kg assay (GC) 97% boiling range (at 19 mbar) 73–75 °C refractive index (n_D^{20}) 1,311	FL. 2914	25 ml	87,50	74,40	70,—	65,65
1451 3/3 3.3 1992 2 +51 °C	Ethyl perfluoropropionate PROSYNTH® <i>Ethyle perfluoropropionate / Etilo perfluoropropionato</i> $\text{CF}_3\text{CF}_2\text{COOC}_2\text{H}_5$ $\text{C}_6\text{H}_5\text{F}_5\text{O}_2$ $M = 192,09$ g/mol $1 \text{ L} \approx 1,31$ kg assay (GC) 97% boiling range 74–76 °C refractive index (n_D^{20}) 1,301	FL. 2914	10 ml	42,75	36,35	34,20	32,05

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(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

64242 3-Ethylphenol PROSYNTH®

A 6.1/22 A Ethyl-3-phénol / 3-Etilfenol

C 6.1 2810 2 CH3CH2C6H4OH

C8H10O M = 122,17 g/mol 1 L ≈ 1,01 kg

assay (GC) 95%

boiling range (at 20 mbar) 108–110 °C



R: 20/21/22 S: 28
disposal: 6

FL.
2906

25 ml 102,50 87,15 82,— 76,9

62051 4-Ethylphenol PROSYNTH®

A 6.1/13C Ethyl-4-phénol / 4-Etilfenol

C 6.1 2810 2 C2H5C6H4OH

C8H10O M = 122,17 g/mol 1 L ≈ 0,98 kg

assay (GC) 96%

melting range 40–42 °C



R: 20/21/22 S: 28
disposal: 6

FL.
2906

100 g 35,— 29,75 28,— 26,2

62970 Ethyl phenylacetate PROSYNTH®

Ethyle phénylacétate / Etilo fenilacetato

C6H5CH2COOC2H5

C10H12O2 M = 164,20 g/mol 1 L ≈ 1,03 kg

assay (GC) 99%

boiling range 227–229 °C

refractive index (n_D²⁰) 1,498

FL.
2914

250 ml 20,50 17,45 16,40 15,4

Ethyl phenyl ether see Phenetole

Ethyl picolinate see Ethyl 2-pyridinecarboxylate

60019 N-Ethylpiperidine PROSYNTH®

A 3/1A N-Ethylpipéridine / N-Etilpiperidina

C 3.2 2386 2 C2H5N(CH2)4CH2

+19 °C C7H15N M = 113,20 g/mol 1 L ≈ 0,82 kg

assay (GC) 99%

boiling range 129–131 °C

refractive index (n_D²⁰) 1,445



R: 11-23/24/25 S: 16-27-44
disposal: 19

FL.
2935

250 ml 36,— 30,60 28,80 27,—

62052 2-Ethylpiperidine PROSYNTH®

A 3/1A 2-Ethylpipéridine / 2-Etilpiperidina

C 3.3 1993 2 HN(CH2)4CHC2H5

+17 °C C7H15N M = 113,20 g/mol 1 L ≈ 0,87 kg

assay (GC) 98%

boiling range 142–144 °C

refractive index (n_D²⁰) 1,449



R: 11-23/24/25 S: 16-27-44
disposal: 19

FL.
2935

100 ml 20,75 17,65 16,60 15,55

64808 Ethyl pivalate PROSYNTH®

A 3/1A Ethyle pivalate / Etilo pivalato

C 3.2 1993 2 (CH3)3CCOOCH2CH3

+15 °C C7H14O2 M = 130,19 g/mol 1 L ≈ 0,86 kg

assay (GC) 99%

boiling range 116–118 °C

refractive index (n_D²⁰) 1,391



R: 11 S: 9-16-33
disposal: 6

FL.
2914

100 ml 22,— 18,70 17,60 16,50

65157 Ethyl propionate PROSYNTH®

A 3/1A Ethyle propionate / Etilo propionato

C 3.2 1195 2 CH3CH2COOCH2CH3

+18 °C C5H10O2 M = 102,13 g/mol 1 L ≈ 0,89 kg


assay (GC) 99%

boiling range 97–99 °C

refractive index (n_D²⁰) 1,384

FL.
2914

1 L 35,50 30,20 28,40 27,35

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Ethylpropylcarbinol see 3-Hexanol							
479	Ethyl iso-propyl ketone PROSYNTH® Ethyl-iso-propylcétone / Etil-iso-propilcetona (CH ₃) ₂ CHCOC ₂ H ₅ C ₆ H ₁₂ O M = 100,16 g/mol 1 L ≈ 0,81 kg assay (GC) 98% boiling range 114–115 °C refractive index (n _D ²⁰) 1,397  R: 11 S: 9-16-33 disposal: 6	FL. 2913	50 ml	57,50	48,90	46,—	43,15
2053	2-Ethylpyridine PROSYNTH® 2-Ethylpyridine / 2-Etilpiridina N = C(C ₂ H ₅)CH = CHCH = CH C ₇ H ₉ N M = 107,15 g/mol 1 L ≈ 0,93 kg assay (GC) 98% boiling range 148–150 °C refractive index (n _D ²⁰) 1,497 R: 10 disposal: 19	FL. 2935	100 ml	19,50	16,60	15,60	14,65
2054	3-Ethylpyridine PROSYNTH® 3-Ethylpyridine / 3-Etilpiridina N = CHC(C ₂ H ₅) = CHCH = CH C ₇ H ₉ N M = 107,15 g/mol 1 L ≈ 0,94 kg assay (GC) 97% boiling range 163–165 °C refractive index (n _D ²⁰) 1,501 R: 10 disposal: 19	FL. 2935	100 ml	92,—	78,20	73,60	69,—
2055	4-Ethylpyridine PROSYNTH® 4-Ethylpyridine / 4-Etilpiridina N = CHCH = C(C ₂ H ₅)CH = CH C ₇ H ₉ N M = 107,15 g/mol 1 L ≈ 0,94 kg assay (GC) 99% boiling range 166–168 °C refractive index (n _D ²⁰) 1,501 R: 10 disposal: 19	FL. 2935	100 ml	61,50	52,30	49,20	46,15
33036	Ethyl 2-pyridinecarboxylate PROSYNTH® Ethyle 2-pyridinecarboxylate / Etilo 2-piridincarboxilato N = C(COOC ₂ H ₅)CH = CHCH = CH C ₈ H ₉ NO ₂ M = 151,16 g/mol 1 L ≈ 1,12 kg assay (GC) 99% boiling range (at 15 mbar) 120–122 °C refractive index (n _D ²⁰) 1,510	FL. 2935	25 ml	45,25	38,45	36,20	33,95
Ethyl 3-pyridinecarboxylate see Ethyl nicotine							
Ethyl 4-pyridinecarboxylate see Ethyl iso-nicotine							
32159	Ethyl pyruvate PROSYNTH® Ethyle pyruvate / Etilo piruvato CH ₃ COCOCOC ₂ H ₅ C ₅ H ₈ O ₃ M = 116,12 g/mol 1 L ≈ 1,06 kg assay (GC) 97% R: 10 disposal: 6	FL. 2916	100 ml	29,50	25,10	23,60	22,15
33906	Ethyl red indicator (S. No. 923) Rouge d'éthyle / Rojo de etilo (C ₂ H ₅) ₂ NC ₆ H ₄ N = NC ₆ H ₄ COOH C ₁₇ H ₁₉ N ₃ O ₂ M = 297,36 g/mol	WG. 3205	5 g	18,50	15,75	14,80	13,90

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24x
(16 Boxes)

96x
(192 Boxes)

63483 Ethyl salicylate PROSYNTH®
Ethyle salicylate / Etilo salicilato

HOC6H4COOC2H5

C6H10O3 $M = 166,18$ g/mol

assay (GC) 99%

boiling range 232–234 °C

refractive index (n_D^{20}) 1,523

17931 Ethyl silicate PURANAL®
Ethyle silicate / Etilo silicato

A 3/3

C 3.3 1292 2

+37 °C

Si(OC2H5)4

C6H20O4Si $M = 208,33$ g/mol

1 L ≈ 0,93 kg

assay (GC) min. 99,5%

density (D_4^{20}) 0,9331–0,9334

water (according to Karl Fischer) max. 50 ppm

sulphated ash max. 10 ppm

lead (Pb) max. 0,01 ppm

cadmium (Cd) max. 0,01 ppm

iron (Fe) max. 0,1 ppm

cobalt (Co) max. 0,01 ppm

copper (Cu) max. 0,01 ppm

magnesium (Mg) max. 0,05 ppm

manganese (Mn) max. 0,01 ppm

sodium (Na) max. 0,1 ppm

nickel (Ni) max. 0,01 ppm

zinc (Zn) max. 0,01 ppm

ethanol (GC) max. 1000 ppm

R: 10 disposal: 6

27701 Ethyl silicate

A 3/3 *Ethyle silicate / Etilo silicato*

C 3.3 1292 2

+37 °C

Si(OC2H5)4

C6H20O4Si $M = 208,33$ g/mol

1 L ≈ 0,93 kg

assay 99%

boiling range 166–168 °C

refractive index 1,383

R: 10 disposal: 6

64354 Ethyl thiocyanate PROSYNTH®

A 3/3 *Ethyle thiocyanate / Etilo tiocianato*

C 3.3 1992 2

+35 °C

C2H5SCN

C3H5NS $M = 87,14$ g/mol

1 L ≈ 1,01 kg

assay 97%

boiling range 144–146 °C

refractive index (n_D^{20}) 1,466



R: 20/21/22-32 S: 2-13
disposal: 8

64873 Ethyl thioglycolate PROSYNTH®

A 3/4 *Ethyle thioglycolate / Etilo tioglicolato*

C 3.3 1993 2

+57 °C

HSCH2COOC2H5

C4H8O2S $M = 120,17$ g/mol

1 L ≈ 1,10 kg

assay (GC) 98%

boiling range 156–159 °C

refractive index (n_D^{20}) 1,457

64244 2-Ethyltoluene PROSYNTH®

A 3/3 *Ethyl-2-toluene / 2-Etiltolueno*

C 3.2 1993 2

+27 °C

CH3C6H4C2H5

C9H12 $M = 120,19$ g/mol

1 L ≈ 0,88 kg

assay (GC) 98%

boiling range 164–166 °C

refractive index (n_D^{20}) 1,505

R: 10 disposal: 6

FL.
2916

250 ml 25,50 21,70 20,40 19,1

FL.
2934

1 L price on request

FL.
EKL.
2921

500 ml 23,75 20,20 19,— 18,3
25 kg price on request

FL.
2931




25 ml 27,— 22,95 21,60 20,2

FL.
2931

250 ml 34,— 28,90 27,20 25,5

FL.
2901

10 ml 42,— 35,70 33,60 31,5

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
64245	3-Ethyltoluene PROSYNTH® <i>Ethyl-3-toluène / 3-Etiltolueno</i> CH ₃ C ₆ H ₄ C ₂ H ₅ C ₉ H ₁₂ M = 120,19 g/mol assay (GC) 98% boiling range 158–160 °C refractive index (n _D ²⁰) 1,498 R: 10 disposal: 6	FL. 2901	10 ml	48,—	40,80	38,40	36,—
64246	4-Ethyltoluene PROSYNTH® <i>Ethyl-4-toluène / 4-Etiltolueno</i> CH ₃ C ₆ H ₄ C ₂ H ₅ C ₉ H ₁₂ M = 120,19 g/mol assay (GC) 98% boiling range 160–163 °C refractive index (n _D ²⁰) 1,495 R: 10 disposal: 6	FL. 2901	10 ml	22,50	19,15	18,—	16,90
63106	Ethyl-(4)-toluenesulphonate PROSYNTH® <i>Ethyle toluènesulfonate-(4) / Etilo toluenosulfonato-(4)</i> CH ₃ C ₆ H ₄ SO ₂ OC ₂ H ₅ C ₉ H ₁₂ O ₃ S M = 200,26 g/mol assay (GC) 98% melting range 29–32 °C	WG. 2903	250 g	43,75	37,20	35,—	32,80
63485	Ethyl 3-tolylacetate PROSYNTH® <i>Ethyle 3-tolylacétate / Etilo 3-tolilacetato</i> CH ₃ C ₆ H ₄ CH ₂ COOC ₂ H ₅ C ₁₁ H ₁₄ O ₂ M = 178,23 g/mol assay (GC) 90% boiling range 233–236 °C	FL. 2914	5 ml	25,25	21,45	20,20	18,95
63123	Ethyl trichloroacetate PROSYNTH® <i>Ethyle trichloroacétate / Etilo triclouroacetato</i> Cl ₃ CCOOC ₂ H ₅ C ₄ H ₅ Cl ₃ O ₂ M = 191,44 g/mol assay (GC) 97% boiling range 168–170 °C refractive index (n _D ²⁰) 1,450	FL. 2914	100 ml	26,50	22,55	21,20	19,90
64247	Ethyltrichlorosilane PROSYNTH® <i>Ethyltrichlorosilane / Etiltriclorsilano</i> CH ₃ CH ₂ SiCl ₃ C ₂ H ₅ Cl ₃ Si M = 163,51 g/mol assay (GC) 98% boiling range 97–99 °C refractive index (n _D ²⁰) 1,426  R: 10-36/37/38 S: 28 disposal: 7	FL. 2934	250 ml	65,—	55,25	52,—	48,75
61249	Ethyl trifluoroacetate PROSYNTH® <i>Ethyle trifluoroacétate / Etilo trifluoroacetato</i> CF ₃ COOC ₂ H ₅ C ₄ H ₅ F ₃ O ₂ M = 142,08 g/mol assay (GC) 98% boiling range 60–63 °C refractive index (n _D ²⁰) 1,308   R: 11-26/27/28 S: 7/9-29-45 disposal: 7	FL. FL. 2914	100 ml 2,5 L	54,— 890,—	45,90 756,50	43,20 712,—	40,50 685,30

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

65149 Ethyl 4,4,4-trifluoroacetoacetate PROSYNTH®
A 3/3 *Ethyle 4-4-4-trifluoroacétoacétate / Etilo 4,4,4-*
C 3.3 1992 2 *trifluoroacetoacetato*

+29 °C
CF3COCH2COOCH2CH3
CaH7F3O3 $M = 184,11$ g/mol 1 L \approx 1,26 kg
assay (GC) 93%
boiling range 128–130 °C
refractive index (n_D^{20}) 1,376



R: 10-36/37/38 S: 28
disposal: 7

FL.
2916

100 ml 481,— 408,85 384,80 360,75

61397 Ethyl trifluoromethanesulphonate PROSYNTH®
A 6.1/138 *Ethyle trifluorométhanesulfonate / Etilo trifluorometan*
C 6.1 2810 2 *osulfonato*

CF3SO2OC2H5
C3H5F3O3S $M = 178,13$ g/mol 1 L \approx 1,39 kg
assay (GC) 99%
boiling range 118–120 °C
refractive index (n_D^{20}) 1,336

A.
2903

5 ml 69,— 58,65 55,20 51,75

61379 S-Ethyl trifluorothioacetate PROSYNTH®
A 3/1A *S-Ethyle trifluorothioacétate / S-Etilo trifluorotioacetato*

C 3.2 1993 2 CF3COSC2H5
+05 °C C4H5F3OS $M = 158,14$ g/mol 1 L \approx 1,25 kg
assay (GC) 98%
boiling range 89–91 °C
refractive index (n_D^{20}) 1,377



R: 11 S: 9-16-33
disposal: 7

FL.
2931

5 ml 34,— 28,90 27,20 25,50

64248 Ethyltriphenylphosphonium bromide PROSYNTH®
Ethyltriphénylphosphonium bromure / Etiltrifenilfosfonio
bromuro

(C6H5)3P(Br)C2H5
C20H20BrP $M = 371,26$ g/mol
assay (ex Br) 98%
melting range 203–205 °C

PF.
2934

100 g 57,— 48,45 45,60 42,75

62048 N-Ethylurea PROSYNTH®
N-Ethylurée / N-Etilurea

C2H5NHCONH2
C3H8N2O $M = 88,11$ g/mol
assay (ex N) 98%
melting range 91–94 °C

WG.
2925

100 g 30,75 26,15 24,60 23,05

Ethylurethane see Urethane

64935 Ethyl valerate PROSYNTH®
A 3/3 *Ethyle valérate / Etilo valeriato*

C 3.3 1993 2 CH3(CH2)3COOCH2CH3
+34 °C C7H14O2 $M = 130,19$ g/mol 1 L \approx 0,87 kg
assay (GC) 98%
boiling range 142–145 °C
refractive index (n_D^{20}) 1,400
keep in refrigerator
à stocker dans le réfrigidaire
almacenaje en la nevera

R: 10 disposal: 6

FL.
2914

250 ml 32,75 27,85 26,20 24,55


64936 Ethyl iso-valerate PROSYNTH®
A 3/3 *Ethyle iso-valérate / Etilo iso-valeriato*

C 3.3 1993 2 (CH3)2CHCH2COOC2H5
+28 °C C7H14O2 $M = 130,19$ g/mol 1 L \approx 0,86 kg
assay (GC) 98%
boiling range 132–134 °C
refractive index (n_D^{20}) 1,396

R: 10 disposal: 6

FL.
2914

250 ml 32,75 27,85 26,20 24,55

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
0020	Ethylvanillin N. F. XIV <i>Ethylvanilline / Etilvainillina</i> $C_6H_3(OC_2H_5)(OH)(CHO)$ $C_9H_{10}O_3$ $M = 166,18$ g/mol assay 99,5% melting range 76–77 °C loss on drying (4 h on P_2O_5) 0,1% sulphated ash 0,05%	BL. FTP. 2911	1 kg 50 kg	price on request price on request			
13949 3/3 3.3 1993 3	Eukitt® quick-hardening mounting medium for microscopy 1 L \approx 1.08 kg  R: 10-20 S: 24/25 disposal: 6	FL. ALU. 3902	100 ml 500 ml	20,75 58,50	17,65 49,75	16,60 46,80	15,55 45,05
10560	Europium lumps <i>Europium / Europio</i> Eu $M = 151,96$ g/mol assay 99%	WG. 2805	1 g	185,—	157,25	148,—	138,75
10561 6.1 2811 3	Europium fluoride <i>Europium fluorure / Europio fluoruro</i> EuF_3 $M = 208,96$ g/mol assay 99%	FL. 2852	1 g	116,—	98,60	92,80	87,—
10562 5.1 1477 2	Europium nitrate-5-hydrate <i>Europium nitrate-5-hydrate / Europio nitrato-5-hidrato</i> $Eu(NO_3)_3 \cdot 5H_2O$ $M = 428,05$ g/mol	FL. 2852	1 g	44,75	38,05	35,80	33,55
10563	Europium oxide <i>Europium oxyde / Europio óxido</i> Eu_2O_3 $M = 351,92$ g/mol assay 99%	FL. 2852	1 g	42,—	35,70	33,60	31,50
55008	Farnesol mixture of isomers PROSYNTH® <i>Farnésole / Farnesol</i> $C_{15}H_{26}O$ $M = 222,37$ g/mol 1 L \approx 0,89 kg	FL. 2904	10 ml	23,25	19,75	18,60	17,45
33202	Fast blue salt B <i>Sel de bleu solide B / Sal de azul sólido B</i> $C_{14}H_{12}Cl_2N_4O_2 \cdot ZnCl_2$ $M = 339,19 + 136,28$ g/mol	WG. 3205	25 g	11,75	10,—	9,40	8,80
33216	Fast garnet salt GBC for microscopy <i>Sel de granet solide GBC / Sal de granado GBC</i> $C_{14}H_{14}N_4O_4S$ $M = 334,35$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 3205	10 g	11,75	10,—	9,40	8,80
33210	Fast green see Malachite green Fast red salt B R.G. <i>Sel de rouge solide B / Sal de rojo sólida B</i> $C_{17}H_{13}N_3O_9S_2$ $M = 467,44$ g/mol	WG. 3205	50 g	28,75	24,45	23,—	21,55
32784	Fat black for microscopy <i>Graisse noire / Negro grasa</i>	WG. 3205	50 g	24,—	20,40	19,20	18,—
32659	Fat red bluish for microscopy <i>Graisse rouge bleuâtre / Rojo grasa azulado</i> $C_6H_5N = NC_6H_4N = NC_{10}H_6NHC_2H_5$ $C_{24}H_{21}N_5$ $M = 379,46$ g/mol	WG. 3205	50 g	36,25	30,80	29,—	27,20
36018	Fehling's solution for the determination of sugar Reag. Ph. Eur. I Solution I: Copper(II) sulphate solution <i>Solution de Fehling / Solución de Fehling</i> 1 L \approx 1,04 kg	PF. PF. PF. 2838	500 ml 1 L 2,5 L	10,50 17,25 36,—	8,95 14,65 29,90	8,40 13,80 28,10	8,10 13,30 27,—

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Type of package
B.T.N.

Price per
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1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

36019 Fehling's solution for the determination of sugar,
A 8/32 Reag. Ph. Eur. I
C 8 1824 2 Solution II: Potassium sodium tartrate solution alkaline
Solution de Fehling / Solución de Fehling
1 L ≈ 1,24 kg



R: 35 S: 2-26-27-37/39
disposal: 3

PF.
PF.
PF.
3819

500 ml	16,75	14,25	13,40	12,91
1 L	30,—	25,50	24,—	23,10
2,5 L	64,—	53,10	49,90	48,—

35853 Fenchlorphos min. 99% PESTANAL® (O,O-Dimethyl-O-[2,4,5-trichlorophenyl]phosphoromonothioate)
A 8.1/83A1
C 8 1815 3
 $(CH_3O)_2P(S)OC_6H_2Cl_3$
 $C_8H_8Cl_3O_3PS$ $M = 321,55$ g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 20/21/22 S: 2-13
disposal: 7

FL.
2921

1 g	71,50	60,80	57,20	53,65
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35822 Fenitrothione min. 99% PESTANAL® [0,0-Dimethyl-0-(3-methyl-4-nitrophenyl)-monophosphorothioate]
A 8.1/81A
C 8.1 1815 3
 $(CH_3O)_2P(S)OC_6H_3(CH_3)NO_2$
 $C_9H_{12}NO_5PS$ $M = 277,24$ g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 20/21/22 S: 2-13
disposal: 7

FL.
2921

2 g	71,50	60,80	57,20	53,65
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35773 Fenson min. 99% PESTANAL® [Benzenesulphonic acid 4-chlorophenylester]
A 8.1/83
C 8.1 ./. 3
 $ClC_6H_4OS(O_2)C_6H_5$
 $C_{12}H_9ClO_3S$ $M = 268,72$ g/mol



R: 20/21/22 S: 2-13
disposal: 7

FL.
2921

1 g	28,25	24,—	22,60	21,20
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35729 Fentine acetate min. 99% PESTANAL® (Triphenyltin acetate)
A 8.1/81F2
C 8.1 1809 3
 $(C_6H_5)_3SnOOCCH_3$
 $C_{20}H_{18}O_2Sn$ $M = 409,05$ g/mol



R: 23/24/25 S: 2-13-44
disposal: 10

FL.
2934

1 g	21,50	18,30	17,20	16,15
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35883 Fentine chloride min. 99% PESTANAL® (Triphenyltin chloride)
A 8.1/81F2
C 8.1 1809 3
 $(C_6H_5)_3SnCl$
 $C_{18}H_{15}ClSn$ $M = 385,46$ g/mol



R: 23/24/25 S: 2-13-44
disposal: 10

FL.
2934

1 g	21,50	18,30	17,20	16,15
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35884 Fentine hydroxide min. 99% PESTANAL® (Triphenyltin hydroxide)
A 8.1/81F2
C 8.1 1809 3
 $(C_6H_5)_3SnOH$
 $C_{18}H_{18}OSn$ $M = 367,01$ g/mol



R: 23/24/25 S: 2-13-44
disposal: 10

FL.
2934

1 g	21,50	18,30	17,20	16,15
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35788 Fenuron min. 99% PESTANAL® (1,1-Dimethyl-3-phenyl urea)
 $C_8H_9NHCON(CH_3)_2$
 $C_9H_{12}N_2O$ $M = 164,21$ g/mol

FL.
2925

1 g	28,25	24,—	22,60	21,20
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Fermentation amyl alcohol see Amyl alcohol

Ferric compounds see Iron(III) compounds

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
2603	Ferrocene PROSYNTH® <i>Ferrocène / Ferroceno</i> $\text{CH}=\text{CHCH}=\text{CHCHFeCHCH}=\text{CHCH}=\text{CH}$ $\text{C}_{10}\text{H}_{10}\text{Fe}$ $M=186,04$ g/mol assay (ex Fe) 98% melting range 172–174 °C	WG. 2934	100 g	35,75	30,40	28,60	26,80
4531	Ferrouin solution redox indicator, Reag. Ph. Eur. I (phenanthroline + iron salt solution) E_0 in 1 M sulphuric acid + 1,06 volt <i>Solution de ferroïne / Solución de ferroina</i> 1 L \approx 1,00 kg Ferron see 7-Iodo-8-hydroxyquinoline-5-sulphonic acid Ferrous compounds see Iron (II) compounds Ferulic acid see 4-Hydroxy-3-methoxycinnamic acid	FL. 3819	100 ml 500 ml	19,— 68,50	16,15 58,25	15,20 54,80	14,25 52,75
19627	FFAP for gas chromatography working temperature 60 to 250 °C Filling apparatus for HPLC see HPLC Filter dyes see Photographic dyes PINA®	WG. 3819	25 g	259,—	220,15	207,20	194,25
36115	Fischer, reagent solution according to Karl Fischer for titrimetric determination of water in one solution Iodine-sulphur dioxide-pyridine-solution (1 ml $\hat{=}$ 5 mg H_2O) <i>Solution réactif de Karl Fischer / Solución reactivo según Karl Fischer</i> 1 L \approx 1,15 kg   R: 11-20/21/22 S: 26-28 disposal: 6	FL. 3819	1 L	44,75	38,05	35,80	34,45
36116	Fischer, reagent solution according to Karl Fischer for titrimetric determination of water in two separate solutions Solution A: Pyridine-sulphur dioxide-solution (0,5 ml each of solutions A and B mixed are equivalent to min. 3 mg H_2O) <i>Solution réactif de Karl Fischer / Solución reactivo según Karl Fischer</i> 1 L \approx 1,01 kg   R: 11-20/21/22 S: 26-28 disposal: 6	FL. 3819	1 L	38,75	32,95	31,—	29,85
36117	Fischer, reagent solution according to Karl Fischer for titrimetric determination of water in two separate solutions Solution B: Methanolic iodine solution (0,5 ml each of solutions A and B mixed are equivalent to min. 3 mg H_2O) <i>Solution réactif de Karl Fischer / Solución reactivo según Karl Fischer</i> 1 L \approx 0,91 kg   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. 3819	1 L	38,75	32,95	31,—	29,85
37355	FITC see Fluorescein- <i>iso</i> -thiocyanate FIXANAL® see respective article, complete range see appendix TLC-Fixative for thin-layer chromatography <i>Fixateur CCM / CCF-Agente fijador</i> spray-box of 330 ml R: 10	3209	1 pack	13,25	11,25	10,60	9,95
	PEHANAL® universal indicator paper in rolls						

Code-Number
A) RID/ADR
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	1 pack	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
39357	Flavin adenine dinucleotide disodium salt BIOSYNTH® <i>Flavine adénine dinucléotide, sel disodique / Flavina adenina dinucleótido, sal disódica</i> package of 25 mg C ₂₇ H ₃₁ N ₉ Na ₂ O ₁₅ P ₂ · 2H ₂ O M = 865,55 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	16,50	14,05	13,20	12,4
39358	Flavin mononucleotide sodium salt BIOSYNTH® <i>Flavine mononucléotide, sel sodique / Flavina mononucleótido, sal sódica</i> C ₁₇ H ₂₀ N ₄ NaO ₉ P · 2H ₂ O M = 514,36 g/mol Flavour compounds on request	WG. 2935	10 g	27,25	23,15	21,80	20,4
39628	Flexol 8 N 8 for gas chromatography working temperature to 175 °C	FL. 2923	50 g	47,50	40,40	38,—	35,6
31825	Florisil® for column chromatography 0,075—0,150 mm (100—200 mesh ASTM) <i>Florisil® / Florisil®</i> ® = trade mark of Floridin Company, USA	PF. PF. 2813	100 g 1 kg	21,— 165,—	17,85 140,25	16,80 132,—	15,7 127,0
31826	Florisil® for column chromatography 0,150—0,250 mm (60—100 mesh ASTM) <i>Florisil® / Florisil®</i> ® = trade mark of Floridin Company, USA	PF. PF. 2813	100 g 1 kg	21,— 165,—	17,85 140,25	16,80 132,—	15,7 127,0
31827	Florisil® for thin-layer chromatography <i>Florisil® / Florisil®</i> ® = trade mark of Floridin Company, USA	2813					
	Flowers of sulphur see Sulphur purified						
35787	Fluomethuron min. 99% PESTANAL® [1,1-Dimethyl-3-(α,α,α-trifluor-m-tolyl)-urea] F ₃ CC ₆ H ₄ NHCON(CH ₃) ₂ C ₁₀ H ₁₁ F ₃ N ₂ O M = 232,20 g/mol	PF. FL. 2925	100 g 1 g	43,50 28,25	37,— 24,—	34,80 22,60	32,6 21,20
63487	Fluoranthene PROSYNTH® <i>Fluoranthène / Fluoranteno</i> C ₁₈ H ₁₀ M = 202,26 g/mol assay (UV) 98% melting range 109—111 °C log ε/289 (CHCl ₃) 4,67 melting range 109—111 °C	WG. 2901	100 g	34,50	29,35	27,60	25,90
62606 A 6.1/21G C 6.1 2811 2	Fluorenamine-(2) PROSYNTH® <i>Fluorénamine-(2) / Fluorenamina-(2)</i> C ₈ H ₄ CH ₂ C ₆ H ₃ NH ₂ C ₁₃ H ₁₁ N M = 181,24 g/mol assay 97% melting range 125—128 °C	WG. 2922	10 g	88,50	75,25	70,80	66,40
62605	Fluorene PROSYNTH® <i>Fluorène / Fluoreno</i> C ₆ H ₄ CH ₂ C ₆ H ₄ C ₁₃ H ₁₀ M = 166,22 g/mol assay (GC) 99% melting range 113—115 °C	WG. 2901	100 g	27,25	23,15	21,80	20,45
35730	Fluorenone min. 99% PESTANAL® (9-Hydroxy-fluorene-9-carboxylic acid) C ₁₄ H ₁₀ O ₃ M = 226,23 g/mol	FL. 2916	1 g	21,50	18,30	17,20	16,15

e-Number D/ADR SVE/GGVS IDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
97	Fluorenol-methyl ester min. 99% PESTANAL® (9-Hydroxy-fluorene-9-carboxylic acid methylester) <chem>C15H12O3</chem> M = 240,26 g/mol	FL. 2916	1 g	28,25	24,—	22,60	21,20
607	Fluorenone-(9) PROSYNTH® <i>Fluorénone-(9) / Fluorenona-(9)</i> <chem>C6H4COCH3</chem> <chem>C13H8O</chem> M = 180,21 g/mol assay (GC) 99% melting range 81—83 °C	PF. 2913	100 g	24,75	21,05	19,80	18,55
	N-Fluorenyl-2-acetamide see 2-Acetamidofluorene						
2615	Fluorescein R. G. <i>Fluorescéine / Fluoresceína</i> <chem>C20H12O5</chem> M = 332,31 g/mol	WG. WG. 3205	25 g 100 g	8,75 20,25	7,45 17,20	7,— 16,20	6,55 15,20
3802	Fluorescein (C. I. No. 45350, S. No. 880) Erg. B. 6 <i>Fluorescéine / Fluoresceína</i> <chem>C20H12O5</chem> M = 332,31 g/mol	WG. WG. WG. 3205	25 g 100 g 250 g	8,50 20,— 44,75	7,25 17,— 38,05	6,80 16,— 35,80	6,40 15,— 33,55
	Fluorescein-bis-(methylimino diacetic acid) see Calcein						
3218	Fluorescein diacetate for microscopy <i>Fluorescéine diacétate / Fluoresceína diacetato</i> <chem>C24H16O7</chem> M = 416,39 g/mol	WG. 3205	5 g	49,25	41,85	39,40	36,95
3225 6.1/21 6.1 1602 3	Fluorescein isothiocyanate for microscopy (FITC) <i>Fluorescéine isothiocyanate (FITC) / Fluoresceína isotiocianato (FITC)</i> <chem>C21H11NO5S</chem> M = 389,39 g/mol	FL. 3205	1 g	86,—	73,10	68,80	64,50
3803	Fluorescein sodium (C. I. No. 45350, S. No. 880) <i>Fluorescéine sodique / Fluoresceína sódica</i> <chem>C20H10Na2O5</chem> M = 376,28 g/mol	WG. WG. 3205	100 g 1 kg	18,75 142,—	15,95 120,70	15,— 113,60	14,05 109,35
1502	Fluorescence indicator blue 366 nm for thin-layer chromatography <i>Indicateur fluorescent bleu 366 nm / Indicador fluorescente azul 366 nm</i>	PF. PF. 3207	50 g 500 g	20,75 156,—	17,65 132,60	16,60 124,80	15,55 120,10
1501	Fluorescence indicator green 254 nm for thin-layer chromatography <i>Indicateur fluorescent vert 254 nm / Indicador fluorescente verdoso 254 nm</i>	WG. WG. 3207	50 g 500 g	20,75 156,—	17,65 132,60	16,60 124,80	15,55 120,10
1503	Fluorescence indicator mixed green/blue 254/366 nm for thin-layer chromatography <i>Indicateur fluorescent mixte vert/bleu 254/366 nm / Indicador fluorescente mixto verdoso/azul 254/366 nm</i>	WG. WG. 3207	50 g 500 g	20,75 156,—	17,65 132,60	16,60 124,80	15,55 120,10
	Fluorescence indicators for short and long-wave UV see LUMILUX®						
1226 6.1/81G 6.1 2588 2	Fluoroacetamide PROSYNTH® <i>Fluoroacétamide / Fluoroacetamida</i> <chem>FCH2CONH2</chem> <chem>C2H4FNO</chem> M = 77,06 g/mol assay (ex N) 97% melting range 103—105 °C	WG. 2925	10 g	13,—	11,05	10,40	9,75



R: 26/27/28 S: 1/2-20-22-26-45
disposal: 7

Code-Number
A) RID/ADR
B) GGVE/GGVS
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Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (64 Boxes)

61291 Fluoroacetic acid sodium salt PROSYNTH®
A 6.1/81G *Acide fluoroacétique sel sodique / Acido fluoroacético sal*
C 6.1 1615 3 *sódica*

FCH2COONa

C2H2FNaO2 M = 100,02 g/mol

assay 98%

melting range 200–205 °C (disint.)



R: 28 S: 1/2-20-22-26-45

disposal: 27

WG.
2914

25 g 30,75 26,15 24,60 23,1

61254 2-Fluoroacetophenone PROSYNTH®
A 6.1/23B *2-Fluoroacétophénone / 2-Fluoroacetofenona*
C 6.1 2810 2

FC6H4COCH3

CaH7FO M = 138,14 g/mol

1 L ≈ 1,14 kg

assay (GC) 97%

boiling range (at 12 mbar) 61–63 °C

refractive index (n_D²⁰) 1,509

FL.
2913

25 ml 132,— 112,20 105,60 99,—

61256 4-Fluoroacetophenone PROSYNTH®
A 6.1/23B *4-Fluoroacétophénone / 4-Fluoroacetofenona*
C 6.1 2810 2

FC6H4COCH3

CaH7FO M = 138,14 g/mol

1 L ≈ 1,14 kg

assay (GC) 98%

boiling range 194–196 °C

refractive index (n_D²⁰) 1,509

FL.
EKS.
F.
2913

100 ml 65,— 55,25 52,— 48,7
30 kg price on request
200 kg price on request

61144 2-Fluoro-5-aminobenzotrifluoride PROSYNTH®
A 6.1/210 *2-Fluoro-5-aminobenzotrifluorure / 2-Fluoro-5-*
C 6.1 2810 2 *aminobenzotrifluoruro*

FC6H3(NH2)CF3

C7H5F4N M = 179,12 g/mol

1 L ≈ 1,41 kg

assay 99%

boiling range (at 33 mbar) 99–101 °C

refractive index (n_D²⁰) 1,466



R: 23/24/25 S: 44

disposal: 21

FL.
2922

10 g 13,25 11,25 10,60 9,9

61064 2-Fluoroaniline PROSYNTH®
A 6.1/21E *2-Fluoroaniline / 2-Fluoroanilina*
C 6.1 2810 2

C6H4(NH2)F

CaH6FN M = 111,12 g/mol

1 L ≈ 1,15 kg

assay (GC) 97%

boiling range 171–173 °C

refractive index (n_D²⁰) 1,544



R: 23/24/25-33 S: 28-36/37-44

disposal: 7

FL.
2922

100 ml 60,— 51,— 48,— 45,—

61065 3-Fluoroaniline PROSYNTH®
A 6.1/21E *3-Fluoroaniline / 3-Fluoroanilina*
C 6.1 2810 2

C6H4(NH2)F

CaH6FN M = 111,12 g/mol

1 L ≈ 1,15 kg

assay (GC) 98%

boiling range (at 16 mbar) 76–78 °C

refractive index (n_D²⁰) 1,543



R: 23/24/25-33 S: 28-36/37-44

disposal: 7

FL.
FL.
2922

† 25 ml 22,— 18,70
100 ml 67,— 56,95 53,60 50,2

61066 4-Fluoroaniline PROSYNTH®
A 6.1/21E *4-Fluoroaniline / 4-Fluoroanilina*
C 6.1 2810 2

C6H4(NH2)F

CaH6FN M = 111,12 g/mol

1 L ≈ 1,16 kg

assay 97%



R: 23/24/25-33 S: 28-36/37-44

disposal: 7

FL.
2922

100 ml 30,— 25,50 24,— 22,5

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
1204	2-Fluoroanisole PROSYNTH® 3/3 2-Fluoroanisole / 2-Fluoroanisol 3.3 1993 2 CH ₃ OC ₆ H ₄ F 53°C C ₇ H ₇ FO M = 126,13 g/mol 1 L ≈ 1,12 kg assay (GC) 96% boiling range 151–154 °C refractive index (n _D ²⁰) 1,493 R: 10 disposal: 7	FL. 2908	100 ml	191,—	162,35	152,80	143,25
1205	3-Fluoroanisole PROSYNTH® 3/3 3-Fluoroanisole / 3-Fluoroanisol 3.3 1993 2 CH ₃ OC ₆ H ₄ F 53°C C ₇ H ₇ FO M = 126,13 g/mol 1 L ≈ 1,12 kg assay (GC) 98% boiling range 156–158 °C refractive index (n _D ²⁰) 1,488 R: 10 disposal: 7	FL. FL. 2908	† 25 ml 100 ml	45,— 155,—	38,25 131,75	124,—	116,25
1206	4-Fluoroanisole PROSYNTH® 3/3 4-Fluoroanisole / 4-Fluoroanisol 3.3 1993 2 CH ₃ OC ₆ H ₄ F 48°C C ₇ H ₇ FO M = 126,13 g/mol 1 L ≈ 1,12 kg assay (GC) 97% boiling range 153–155 °C refractive index (n _D ²⁰) 1,488 R: 10 disposal: 7	FL. 2908	100 ml	82,—	69,70	65,60	61,50
1267	4-Fluorobenzal chloride PROSYNTH® 6.1/62 4-Fluorobenzale chlorure / 4-Fluorobenzalo cloruro 6.1 2810 2 FC ₆ H ₄ CHCl ₂ C ₇ H ₅ Cl ₂ F M = 179,02 g/mol assay (GC) 98%	FL. 2902	25 ml	77,50	65,90	62,—	58,15
1268	2-Fluorobenzaldehyde PROSYNTH® 6.1/23 2-Fluorobenzaldéhyde / 2-Fluorobenzaldehydo 6.1 2810 2 FC ₆ H ₄ CHO C ₇ H ₅ FO M = 124,11 g/mol 1 L ≈ 1,19 kg assay (GC) 99% boiling range (at 15 mbar) 60–63 °C refractive index (n _D ²⁰) 1,523	FL. STPB 2912	100 ml 30 kg	120,— price on request	102,—	96,—	90,—
1269	3-Fluorobenzaldehyde PROSYNTH® 6.1/23 3-Fluorobenzaldéhyde / 3-Fluorobenzaldehydo 6.1 2810 2 FC ₆ H ₄ CHO C ₇ H ₅ FO M = 124,11 g/mol 1 L ≈ 1,18 kg assay (GC) 97% boiling range (at 27 mbar) 66–68 °C refractive index (n _D ²⁰) 1,519	FL. 2912	100 ml	130,—	110,50	104,—	97,50
1270	4-Fluorobenzaldehyde PROSYNTH® 6.1/23 4-Fluorobenzaldéhyde / 4-Fluorobenzaldehydo 6.1 2810 2 FC ₆ H ₄ CHO C ₇ H ₅ FO M = 124,11 g/mol 1 L ≈ 1,18 kg assay (GC) 99% boiling range (at 13 mbar) 70–72 °C refractive index (n _D ²⁰) 1,521	FL. STPB 2912	100 ml 30 kg	50,— price on request	42,50	40,—	37,50
1271	2-Fluorobenzamide PROSYNTH® 2-Fluorobenzamide / 2-Fluorobenzamida FC ₆ H ₄ CONH ₂ C ₇ H ₆ FNO M = 139,13 g/mol assay (ex N) 99% melting range 113–115 °C	WG. 2925	100 g	95,—	80,75	76,—	71,25

Code-Number
A) RID/ADR
B) GGV/GOVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.






Price per
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61272	3-Fluorobenzamide PROSYNTH® <i>3-Fluorobenzamide / 3-Fluorobenzamida</i> FC ₆ H ₄ CONH ₂ C ₇ H ₅ FNO M = 139,13 g/mol assay (ex N) 99% melting range 127–130 °C	WG. 2925	10 g	64,—	54,40	51,20	48,—
61273	4-Fluorobenzamide PROSYNTH® <i>4-Fluorobenzamide / 4-Fluorobenzamida</i> FC ₆ H ₄ CONH ₂ C ₇ H ₅ FNO M = 139,13 g/mol assay (ex N) 99% melting range 154–156 °C	WG. 2925	100 g	80,—	68,—	64,—	60,—
61491	4-Fluorobenzanilide PROSYNTH® <i>Fluorobenzanilide-4 / 4-Fluorobenzanilida</i> FC ₆ H ₄ CONHC ₆ H ₅ C ₁₃ H ₁₀ FNO M = 215,23 g/mol assay (HPCL) 97% melting range 183–185 °C	PF. 2925	100 g	120,—	102,—	96,—	90,—
61044 A 3/1A C 3.2 2387 2 -15 °C	Fluorobenzene PROSYNTH® <i>Fluorobenzène / Fluorobenceno</i> C ₆ H ₅ F M = 96,10 g/mol 1 L ≈ 1,03 kg   R: 11-20 S: 7-16-29-33 disposal: 7	FL. 2902	250 ml	22,—	18,70	17,60	16,5
01801 A 3/1A C 3.2 2387 2 -15 °C	Fluorobenzene <i>Fluorobenzène / Fluorobenceno</i> C ₆ H ₅ F M = 96,10 g/mol 1 L ≈ 1,03 kg   R: 11-20 S: 7-16-29-33 disposal: 7	EKS. F. 2902	40 kg 200 kg	price on request price on request			
61378	4-Fluorobenzenesulphonamide PROSYNTH® <i>4-Fluorobenzènesulfonamide / 4-Fluorobencenosulfonamida</i> FC ₆ H ₄ SO ₂ NH ₂ C ₆ H ₅ FNO ₂ S M = 175,18 g/mol assay (GC) 98% melting range 117–119 °C	PF. 2936	100 g	130,—	110,50	104,—	97,5
61274 A 8/22 C 8 1759 2	4-Fluorobenzenesulphonyl chloride PROSYNTH® <i>4-Fluorobenzène sulfonylchlorure / 4-Fluorobenceno sulfonilcloruro</i> FC ₆ H ₄ SO ₂ Cl C ₆ H ₄ ClFO ₂ S M = 194,61 g/mol assay (GC) 98% melting range 29–31 °C  R: 36/37/38 S: 26 disposal: 21	FL. STPB 2903	100 g 30 kg	120,— price on request	102,—	96,—	90,—
01808	2-Fluorobenzoic acid <i>Acide 2-fluorobenzoïque / Acido 2-fluorobenzóico</i> FC ₆ H ₄ COOH C ₇ H ₅ FO ₂ M = 140,11 g/mol	FTP. 2914	25 kg	price on request			
61207	2-Fluorobenzoic acid PROSYNTH® <i>Acide 2-fluorobenzoïque / Acido 2-fluorobenzóico</i> FC ₆ H ₄ COOH C ₇ H ₅ FO ₂ M = 140,11 g/mol	PF. 2914	100 g	55,—	46,75	44,—	41,2
61208	3-Fluorobenzoic acid PROSYNTH® <i>Acide 3-fluorobenzoïque / Acido 3-fluorobenzóico</i> FC ₆ H ₄ COOH C ₇ H ₅ FO ₂ M = 140,11 g/mol assay (alkalimetric) 98% melting range 120–122 °C	PF. PF. 2914	† 25 g 100 g	26,50 90,—	22,55 76,50	72,—	67,5

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
265	4-Fluorobenzoic acid test substance for elementary analysis <i>Acide 4-fluorobenzoïque / Acido 4-fluorobenzóico</i> <chem>FC6H4COOH</chem> <chem>C7H5FO2</chem> $M = 140,11$ g/mol suitable for determination of C, H, F, O carbon (C) 60,0% hydrogen (H) 3,6% fluor (F) 13,6% oxygen (O) 22,8%	WG. 2914	1 kg	price on request			
61275	4-Fluorobenzoic acid PROSYNTH® <i>Acide 4-fluorobenzoïque / Acido 4-fluorobenzóico</i> <chem>FC6H4COOH</chem> <chem>C7H5FO2</chem> $M = 140,11$ g/mol	PF. 2914	100 g	50,—	42,50	40,—	37,50
61809	4-Fluorobenzoic acid <i>Acide 4-fluorobenzoïque / Acido 4-fluorobenzóico</i> <chem>FC6H4COOH</chem> <chem>C7H5FO2</chem> $M = 140,11$ g/mol	FTP. 2914	25 kg	price on request			
	2-Fluorobenzoic acid chloride see 2-Fluorobenzoyl chloride 3-Fluorobenzoic acid chloride see 3-Fluorobenzoyl chloride 4-Fluorobenzoic acid chloride see 4-Fluorobenzoyl chloride						
61276	2-Fluorobenzonitrile PROSYNTH® <i>2-Fluorobenzonitrile / 2-Fluorobenzonitrilo</i> <chem>FC6H4CN</chem> <chem>C7H4FN</chem> $M = 121,11$ g/mol $1\text{ L} \approx 1,14$ kg assay (GC) 98% boiling range (at 40 mbar) 94—96 °C	FL. 2927	100 g	130,—	110,50	104,—	97,50
A 6.1/21 C 6.1 1935 1	 R: 23/24/25 S: 44 disposal: 15						
61277	3-Fluorobenzonitrile PROSYNTH® <i>3-Fluorobenzonitrile / 3-Fluorobenzonitrilo</i> <chem>FC6H4CN</chem> <chem>C7H4FN</chem> $M = 121,11$ g/mol assay (GC) 98%	FL. 2927	25 g	238,—	202,30	190,40	178,50
A 6.1/21 C 6.1 1935 1	 R: 23/24/25 S: 44 disposal: 15						
61278	4-Fluorobenzonitrile PROSYNTH® <i>4-Fluorobenzonitrile / 4-Fluorobenzonitrilo</i> <chem>FC6H4CN</chem> <chem>C7H4FN</chem> $M = 121,12$ g/mol $1\text{ L} \approx 1,14$ kg assay (GC) 99% melting range 32—34 °C	FL. STPB. 2927	100 g 30 kg	120,— price on request	102,—	96,—	90,—
A 6.1/21 C 6.1 1935 1	 R: 23/24/25 S: 44 disposal: 15						
61279	2-Fluorobenzophenone PROSYNTH® <i>2-Fluorobenzophénone / 2-Fluorobenzofenona</i> <chem>FC6H4COC6H5</chem> <chem>C13H9FO</chem> $M = 200,21$ g/mol $1\text{ L} \approx 1,20$ kg assay (GC) 98% boiling range (at 16 mbar) 148—150 °C	FL. FL. 2913	† 10 g 100 g	20,— 150,—	17,— 127,50	120,—	112,50
A 6.1/23B C 6.1*1697 2	 R: 23/24/25 S: 44 disposal: 15						
61280	4-Fluorobenzophenone PROSYNTH® <i>4-Fluorobenzophénone / 4-Fluorobenzofenona</i> <chem>FC6H4COC6H5</chem> <chem>C13H9FO</chem> $M = 200,21$ g/mol $1\text{ L} \approx 1,20$ kg assay (GC) 99% melting range 45—47 °C	FL. BLTP. 2913	100 g 50 kg	95,— price on request	80,75	76,—	71,25
A 6.1/23B C 6.1*1697 2	 R: 23/24/25 S: 44 disposal: 15						

Code-Number

A) RID/ADR
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96
(16 Boxes)

61074 3-Fluorobenzotrifluoride PROSYNTH®
3-Fluorobenzotrifluorure / 3-Fluorobenzotrifluoruro
 A 3/1A
 C 3.2 1993 2
 +12 °C
FC6H4CF3
C7H4F4 $M = 164,10 \text{ g/mol}$ $1 \text{ L} \approx 1,30 \text{ kg}$
 assay (GC) 99%
 boiling range 99–101 °C
 refractive index (n_D^{25}) 1,398


R: 11 S: 16-23
disposal: 7

61209 2-Fluorobenzoyl chloride PROSYNTH®
2-Fluorobenzoyle chlorure / 2-Fluorobenzoilo cloruro
 A 8/22
 C 8 1780 2
FC6H4COCl
C7H4ClFO $M = 158,56 \text{ g/mol}$ $1 \text{ L} \approx 1,33 \text{ kg}$
 assay (ex Cl) 99%
 boiling range (at 20 mbar) 90–92 °C
 refractive index (n_D^{20}) 1,536


R: 34 S: 26
disposal: 21

61281 3-Fluorobenzoyl chloride PROSYNTH®
3-Fluorobenzoyle chlorure / 3-Fluorobenzoilo cloruro
 A 8/22
 C 8 1780 2
FC6H4COCl
C7H4ClFO $M = 158,56 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$
 assay (ex Cl) 98%
 boiling range 187–190 °C
 refractive index (n_D^{20}) 1,529


R: 34 S: 26
disposal: 21

61210 4-Fluorobenzoyl chloride PROSYNTH®
4-Fluorobenzoyle chlorure / 4-Fluorobenzoilo cloruro
 A 8/22
 C 8 1780 2
FC6H4COCl
C7H4ClFO $M = 158,56 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$
 assay (ex Cl) 99%
 boiling range (at 27 mbar) 80–82 °C


R: 34 S: 26
disposal: 21

61511 3-(4-Fluorobenzoyl)-propionic acid PROSYNTH®
Acide 3-(4-fluorobenzoyle)-propionique / Acido 3-(4-fluorobenzoilo)-propiónico
FC6H4COCH2CH2COOH
C10H9FO3 $M = 196,18 \text{ g/mol}$
 assay (HPLC) 99%
 melting range 100–102 °C

61415 2-Fluorobenzyl alcohol PROSYNTH®
Alcool 2-fluorobenzylrique / Alcohol 2-fluorobencílico
FC6H4CH2OH
C7H7FO $M = 126,13 \text{ g/mol}$ $1 \text{ L} \approx 1,19 \text{ kg}$
 assay (GC) 98%
 boiling range (at 27 mbar) 97–101 °C
 refractive index (n_D^{20}) 1,514

61421 3-Fluorobenzyl alcohol PROSYNTH®
Alcool 3-fluorobenzylrique / Alcohol 3-fluorobencílico
FC6H4CH2OH
C7H7FO $M = 126,13 \text{ g/mol}$ $1 \text{ L} \approx 1,19 \text{ kg}$
 assay (GC) 97%
 boiling range 204–207 °C
 refractive index (n_D^{20}) 1,513

FL.
2902

25 ml 57,— 48,45 45,60 42,7

FL.
STPB.
2914

100 ml 100,— 85,— 80,— 75,—
30 kg price on request

FL.
2914

25 ml 50,— 42,50 40,— 37,5

FL.
2914

100 ml 95,— 80,75 76,— 71,25

WG.
2914



100 g 80,— 68,— 64,— 60,—

FL.
2905

50 ml 150,— 127,50 120,— 112,50

FL.
2905

50 ml 150,— 127,50 120,— 112,50

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
61481 3/4 -90 °C	4-Fluorobenzyl alcohol PROSYNTH® <i>Alcohol 4-fluorobenzylique / Alcohol 4-fluorobencílico</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{OH}$ $\text{C}_7\text{H}_7\text{FO}$ $M = 126,13 \text{ g/mol}$ $1 \text{ L} \approx 1,17 \text{ kg}$ assay (GC) 98% boiling range (at 9 mbar) 79–81 °C refractive index (n_D^{20}) 1,510	FL. 2905	100 ml	125,—	106,25	100,—	93,75
61162 8/35 C 8 1719 2	2-Fluorobenzylamine PROSYNTH® <i>2-Fluorobenzylamine / 2-Fluorobencilamina</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{NH}_2$ $\text{C}_7\text{H}_8\text{FN}$ $M = 125,15 \text{ g/mol}$ $1 \text{ L} \approx 1,08 \text{ kg}$ assay (GC) 98% boiling range (at 17 mbar) 73–75 °C refractive index (n_D^{20}) 1,517	FL. 2922	100 ml	383,—	325,55	306,40	287,25
61163 8/35 C 8 1719 2	4-Fluorobenzylamine PROSYNTH® <i>4-Fluorobenzylamine / 4-Fluorbencilamina</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{NH}_2$ $\text{C}_7\text{H}_8\text{FN}$ $M = 125,15 \text{ g/mol}$ $1 \text{ L} \approx 1,10 \text{ kg}$ assay (GC) 96% boiling range 181–183 °C refractive index (n_D^{20}) 1,512	FL. 2922	100 ml	150,—	127,50	120,—	112,50
61507 A 8/22 C 8 1760 2	2-Fluorobenzyl bromide PROSYNTH® <i>2-Fluorobenzyle bromure / 2-Fluorobencilo bromuro</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{Br}$ $\text{C}_7\text{H}_6\text{BrF}$ $M = 189,03 \text{ g/mol}$ $1 \text{ L} \approx 1,57 \text{ kg}$ assay (GC) 98% boiling range (at 20 mbar) 62–64 °C	FL. 2902	100 ml	180,—	153,—	144,—	135,—
61508 A 8/22 C 8 1760 2 +61 °C	3-Fluorobenzyl bromide PROSYNTH® <i>3-Fluorobenzyle bromure / 3-Fluorobencilo bromuro</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{Br}$ $\text{C}_7\text{H}_6\text{BrF}$ $M = 189,03 \text{ g/mol}$ $1 \text{ L} \approx 1,51 \text{ kg}$ assay (GC) 97% boiling range (at 29 mbar) 87–89 °C refractive index (n_D^{20}) 1,547	FL. 2902	50 ml	150,—	127,50	120,—	112,50
61422 A 8/22 C 8 1760 2	4-Fluorobenzyl bromide PROSYNTH® <i>4-Fluorobenzyle bromure / 4-Fluorobencilo bromuro</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{Br}$ $\text{C}_7\text{H}_6\text{BrF}$ $M = 189,03 \text{ g/mol}$ $1 \text{ L} \approx 1,55 \text{ kg}$ assay (GC) 98% boiling range (at 27 mbar) 83–85 °C refractive index (n_D^{20}) 1,547	FL. 2902	100 ml	180,—	153,—	144,—	135,—
61282 A 6.1/61K C 8 *1738 2	2-Fluorobenzyl chloride PROSYNTH® <i>2-Fluorobenzyle chlorure / 2-Fluorobencilo cloruro</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{Cl}$ $\text{C}_7\text{H}_6\text{ClF}$ $M = 144,58 \text{ g/mol}$ $1 \text{ L} \approx 1,22 \text{ kg}$ assay (GC) 97% boiling range (at 52 mbar) 84–86 °C refractive index (n_D^{20}) 1,514 <div>  <div> R: 36/37/38 S: 26 disposal: 21 </div> </div>	FL. STPB. 2902	50 ml 35 kg	75,— price on request	63,75	60,—	56,25
61423 A 6.1/61K C 8 1760 2	3-Fluorobenzyl chloride PROSYNTH® <i>3-Fluorobenzyle chlorure / 3-Fluorobencilo cloruro</i> $\text{FC}_6\text{H}_4\text{CH}_2\text{Cl}$ $\text{C}_7\text{H}_6\text{ClF}$ $M = 144,58 \text{ g/mol}$ $1 \text{ L} \approx 1,21 \text{ kg}$ assay (GC) 97% boiling range (at 31 mbar) 70–72 °C refractive index (n_D^{20}) 1,511 <div>  <div> R: 36/37/38 S: 26 disposal: 21 </div> </div>	FL. 2902	50 ml	95,—	80,70	76,—	71,25

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

61283 4-Fluorobenzyl chloride PROSYNTH®
A 8.1/61K *4-Fluorobenzyle chlorure / 4-Fluorobencilo cloruro*
C 8.1738 2 FC6H4CH2Cl
C7H6ClF $M = 144,58 \text{ g/mol}$ 1 L \approx 1,22 kg
assay (GC) 97%
boiling range (at 35 mbar) 80–82 °C
refractive index (n_D^{20}) 1,513



R: 36/37/38 S: 26
disposal: 21

FL.
STPB.
2902

100 ml 84,— 71,40 67,20 63,—
35 kg price on request

61284 2-Fluorobenzyl cyanide PROSYNTH®
A 8.1/21A *2-Fluorobenzyle cyanure / 2-Fluorobencilo cianuro*
C 8.1 1935 1 FC6H4CH2CN
CaH6FN $M = 135,14 \text{ g/mol}$ 1 L \approx 1,14 kg
assay (GC) 97%
boiling range (at 27 mbar) 96–98 °C
refractive index (n_D^{20}) 1,501

FL.
2927

100 ml 125,— 106,25 100,— 93,75

61285 3-Fluorobenzyl cyanide PROSYNTH®
A 8.1/21A *3-Fluorobenzyle cyanure / 3-Fluorobencilo cianuro*
C 8.1 1935 1 FC6H4CH2CN
CaH6FN $M = 135,14 \text{ g/mol}$ 1 L \approx 1,14 kg
assay (GC) 96%
boiling range (at 27 mbar) 115–118 °C
refractive index (n_D^{20}) 1,499

FL.
2927

25 ml 166,— 141,10 132,80 124,50

61286 4-Fluorobenzyl cyanide PROSYNTH®
A 8.1/21A *4-Fluorobenzyle cyanure / 4-Fluorobencilo cianuro*
C 8.1 1935 1 FC6H4CH2CN
CaH6FN $M = 135,14 \text{ g/mol}$ 1 L \approx 1,13 kg
assay (GC) 95%
boiling range (at 24 mbar) 118–120 °C
refractive index (n_D^{20}) 1,500

FL.
2927

100 ml 140,— 119,— 112,— 105,—

61302 2-Fluorobiphenyl PROSYNTH®
2-Fluorobiphényle / 2-Fluorobifenilo
FC6H4C6H5
C12H9F $M = 172,20 \text{ g/mol}$
assay (GC) 99%
melting range 72–74 °C

WG.
FTP.
2902

25 g 152,— 129,20 121,60 114,—
10 kg price on request

61303 4-Fluorobiphenyl PROSYNTH®
4-Fluorobiphényle / 4-Fluorobifenilo
FC6H4C6H5
C12H9F $M = 172,20 \text{ g/mol}$
assay (GC) 99%
melting range 73–75 °C

WG.
2902

10 g 66,50 56,55 53,20 49,90



01544 Fluoroboric acid 50% for electroplating
A 8/7 *Acide fluoroborique / Acido fluorobórico*
C 8.1775 2 HBF4 $M = 87,81 \text{ g/mol}$ 1 L \approx 1,40 kg
assay 49,5–50,5%
free boric acid (H3BO3) 1–2%
fluorosilicic acid (H2SiF6) 0,02%
iron (Fe) 0,005%
copper (Cu) 0,0005%
nickel (Ni) 0,0005%
heavy metals (as Pb) 0,005%
zinc (Zn) 0,0005%
chloride (Cl) 0,005%
sulphate (SO4) 0,03%



R: 34 S: 26-27
disposal: 27

PF.
FPF.
STP.
2813

1 L 13,75 11,70 11,— 10,60
75 kg price on request
75 kg price on request


de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
545	Fluoroboric acid 50% special for electroplating <i>Acide fluoroborique / Acido fluorobórico</i>	PF. FPF. STP. 2813	1 L	14,75	12,55	11,80	11,35
3 1775 2	HBF_4 $M = 87,81 \text{ g/mol}$ $1 \text{ L} \approx 1,40 \text{ kg}$ assay 49,5—50,5% free boric acid (H_3BO_3) 1—2% fluorosilicic acid (H_2SiF_6) 0,02% lead (Pb) 0,05% iron (Fe) 0,005% copper (Cu) 0,0005% nickel (Ni) 0,0005% zinc (Zn) 0,0005% chloride (Cl) 0,005% sulphate (SO_4) 0,002%  R: 34 S: 26-27 disposal: 27		75 kg	price on request			
525	Fluoroboric acid 32% special for electroplating <i>Acide fluoroborique / Acido fluorobórico</i>	PF. FPF. 2813	1 L	13,25	11,25	10,60	10,20
3 1775 2	HBF_4 $M = 87,81 \text{ g/mol}$ $1 \text{ L} \approx 1,22 \text{ kg}$ assay 31,5—32,5% free boric acid (H_3BO_3) 1—2% fluorosilicic acid (H_2SiF_6) 0,02% lead (Pb) 0,05% iron (Fe) 0,002% copper (Cu) 0,0005% nickel (Ni) 0,0005% zinc (Zn) 0,0005% chloride (Cl) 0,002% sulphate (SO_4) 0,002%  R: 34 S: 26-27 disposal: 27		65 kg	price on request			
1477	<i>trans</i> -2-Fluorocinnamic acid PROSYNTH® <i>Acide trans-2-fluorocinnamique / Acido trans-2-fluorocinámico</i> $\text{FC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{FO}_2$ $M = 166,15 \text{ g/mol}$ assay (alkalimetric) 98% melting range 175—177 °C	WG. 2914	100 g	150,—	127,50	120,—	112,50
1484	<i>trans</i> -4-Fluorocinnamic acid PROSYNTH® <i>Acide trans-4-fluorocinnamique / Acido trans-4-fluorocinámico</i> $\text{FC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{FO}_2$ $M = 166,15 \text{ g/mol}$ assay (alkalimetric) 99% melting range 205—207 °C	WG. 2914	100 g	150,—	127,50	120,—	112,50
9359	5-Fluorodeoxyuridine BIOSYNTH® <i>5-Fluorodésoxyuridine / 5-Fluorodesoxiuridina</i> package of 250 mg $\text{C}_9\text{H}_{11}\text{FN}_2\text{O}_5$ $M = 246,19 \text{ g/mol}$	2935	1 pack	77,—	65,45	61,60	57,75
159	1-Fluoro-2,4-dinitrobenzene see 2,4-Dinitro-1-fluorobenzene 4-Fluorodiphenyl ether PROSYNTH® <i>Ether 4-fluorodiphénylique / Eter 4-fluorodifenílico</i> $\text{FC}_6\text{H}_4\text{OC}_6\text{H}_5$ $\text{C}_{12}\text{H}_9\text{FO}$ $M = 188,20 \text{ g/mol}$ assay (GC) 96% boiling range (at 53 mbar) 147—149 °C	FL. 2908	100 ml	price on request			

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

61264 2-Fluoroethanol PROSYNTH®
A 3/5 Fluoro-2-éthanol / 2-Fluoroetanol
C 3.3 1993 2 FCH₂CH₂OH
+34°C C₂H₅FO M = 64,06 g/mol 1 L ≈ 1,11 kg
 assay (GC) 97%
 boiling range 101–104 °C
 refractive index (n_D²⁰) 1,366
 R: 10-23/24/25 S: 44
 disposal: 7

FL.
2904

5 ml 38,25 32,50 30,60 28,

61304 4-Fluoroglutamic acid PROSYNTH®
Acide 4-fluoroglutamique / Acido 4-fluoroglutámico
HOOCCH(F)CH₂CH(NH₂)COOH
C₅H₈FNO₄ M = 165,12 g/mol
 assay 99%
 melting range 183–185 °C (disint.)

FL.
2923

1 g 178,— 151,30 142,40 133,

61424 1-Fluoroheptane PROSYNTH®
A 3/3 1-Fluoroheptane / 1-Fluoroheptano
C 3.3 1993 2 CH₃(CH₂)₆F
+33°C C₇H₁₅F M = 118,19 g/mol 1 L ≈ 0,81 kg
 assay (GC) 97%
 boiling range 116–118 °C
 refractive index (n_D²⁰) 1,385

FL.
2902

10 ml 39,75 33,80 31,80 29,

R: 10 disposal: 7

61425 1-Fluorohexadecane PROSYNTH®
1-Fluorohexadécane / 1-Fluorohexadecano
CH₃(CH₂)₁₅F
C₁₆H₃₃F M = 244,44 g/mol 1 L ≈ 0,83 kg
 assay (GC) 95%
 boiling range (at 3 mbar) 148–151 °C
 refractive index (n_D²⁰) 1,431

FL.
2902

5 ml 26,— 22,10 20,80 19,

61306 5-Fluoro-2-hydroxyacetophenone PROSYNTH®
5-Fluoro-2-hydroxyacétophénone / 5-Fluoro-2-hidroxiacetofenona
FC₆H₃(OH)COCH₃
C₈H₇FO₂ M = 154,14 g/mol
 assay 95%
 melting range 54–57 °C

WG.
2913

5 g 99,— 84,15 79,20 74,

5-Fluoro-2-hydroxy-1-acetylbenzene see
5-Fluoro-2-hydroxyacetophenone

2-Fluoro-1-hydroxybenzene see 2-Fluorophenol

3-Fluoro-1-hydroxybenzene see 3-Fluorophenol

4-Fluoro-1-hydroxybenzene see 4-Fluorophenol

61307 4-(3-Fluoro-4-hydroxyphenyl)butyric acid PROSYNTH®
Acide 4-(3-fluoro-4-hydroxyphényl)butyrique / Acido 4-(3-fluoro-4-hidroxifenil)butirico
FC₆H₃(OH)(CH₂)₃COOH
C₁₀H₁₁FO₃ M = 198,19 g/mol
 assay (alkalimetric) 95%
 melting range 108–110 °C

FL.
2916

1 g 35,75 30,40 28,60 26,

61308 5-Fluoroindole PROSYNTH®
5-Fluoroindole / 5-Fluoroindol
FC₆H₃NHCH=CH
C₈H₆FN M = 135,14 g/mol
 assay (GC) 99%
 melting range 45–46 °C

FL.
2935

1 g 59,— 50,15 47,20 44,

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
309	2-Fluoroiodobenzene PROSYNTH® <i>2-Fluoroiodobenzène / 2-Fluoroyodobenceno</i> C_6H_4FJ $M = 222,00$ g/mol assay (GC) 99% boiling range 189–191 °C	FL. 2902	100 ml	238,—	202,30	190,40	178,50
310	3-Fluoroiodobenzene PROSYNTH® <i>3-Fluoroiodobenzène / 3-Fluoroyodobenceno</i> C_6H_4FJ $M = 222,00$ g/mol 1 L \approx 1,91 kg assay (GC) 99% boiling range (at 25 mbar) 76–78 °C refractive index (n_D^{20}) 1,586	FL. 2902	25 ml	149,50	127,10	119,60	112,15
311	4-Fluoroiodobenzene PROSYNTH® <i>4-Fluoroiodobenzène / 4-Fluoroyodobenceno</i> C_6H_4FJ $M = 222,00$ g/mol 1 L \approx 1,91 kg assay (GC) 97% boiling range 182–184 °C refractive index (n_D^{20}) 1,528	FL. 2902	25 ml	70,—	59,50	56,—	52,50
314	4-Fluoro-2-iodotoluene PROSYNTH® <i>4-Fluoro-2-iodotoluène / 4-Fluoro-2-yodotolueno</i> $FC_6H_3JCH_3$ C_7H_6FJ $M = 236,03$ g/mol 1 L \approx 1,83 kg assay (GC) 98% boiling range 206–208 °C	FL. 2902	25 ml	175,—	148,75	140,—	131,25
315	4-Fluoromandelic acid PROSYNTH® <i>Acide 4-fluoromandélique / Acido 4-fluoroamigdálico</i> $FC_6H_4CH(OH)COOH$ $C_8H_7FO_3$ $M = 170,14$ g/mol assay (alkalimetric) 98%	WG. 2916	10 g	59,—	50,15	47,20	44,25
316	3-Fluoro-4-methoxyacetophenone PROSYNTH® <i>3-Fluoro-4-méthoxyacétophénone / 3-Fluoro-4-metoxiacetofenona</i> $CH_3OC_6H_3(F)COCH_3$ $C_9H_9FO_2$ $M = 168,17$ g/mol assay (GC) 95% melting range 90–93 °C	WG. 2913	10 g	38,75	32,95	31,—	29,05
	2-Fluoro-1-methoxybenzene see 2-Fluoroanisole 3-Fluoro-1-methoxybenzene see 3-Fluoroanisole 4-Fluoro-1-methoxybenzene see 4-Fluoroanisole						
317	3-(3-Fluoro-4-methoxybenzoyl)-propionic acid PROSYNTH® <i>Acide 3-(3-fluoro-4-méthoxybenzoyl)-propionique / Acido 3-(3-fluoro-4-metoxibenzoil)-propiónico</i> $CH_3OC_6H_3(F)COCH_2CH_2COOH$ $C_{11}H_{11}FO_4$ $M = 226,20$ g/mol assay (alkalimetric) 99% melting range 169–171 °C	WG. 2916	10 g	35,—	29,75	28,—	26,25
318	4-Fluoro-2-methyl-N,N-dimethylaniline PROSYNTH® <i>4-Fluoro-2-méthyl-N,N-diméthylaniline / 4-Fluoro-2-metil-N,N-dimetilanilina</i> $FC_6H_3(CH_3)N(CH_3)_2$ $C_9H_{12}FN$ $M = 153,20$ g/mol assay (GC) 96%	FL. 2922	5 g	207,—	175,95	165,60	155,25
1499	2-Fluoro-N-methylpyridinium tosylat PROSYNTH® (Mukaiyama reagent) <i>2-Fluoro-N-méthylpyridinium tosylate / 2-Fluoro-N-metilpiridinio tosilat</i> $CH=CHCH=CHCF=N^+CH_3 \cdot C_6H_4(CH_3)SO_3^-$ $C_{13}H_{14}FNO_3S$ $M = 283,32$ g/mol assay (ex F) 98% melting range 132–134 °C	WG. 3819	50 g	68,—	57,80	54,40	51,—

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM





1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(16 Boxes)

61319 A 3/4	1-Fluoronaphthalene PROSYNTH® <i>1-Fluoronaphtalène / 1-Fluoronaftaleno</i> $C_{10}H_7F$ $M = 146,16 \text{ g/mol}$ $1 \text{ L} \approx 1,13 \text{ kg}$ assay (GC) 98% boiling range 213–215 °C refractive index (n_D^{20}) 1,594	FL. 2902	25 ml 185,— 157,25 148,— 138,—
61320	4-Fluoro-1-naphthoic acid PROSYNTH® <i>Acide 4-fluoro-1-naphtoïque / Acido 4-fluoro-1-naftóico</i> $FC_{10}H_6COOH$ $C_{11}H_7FO_2$ $M = 190,17 \text{ g/mol}$ assay (alkalimetric) 98% melting range 223–226 °C	FL. 2914	1 g 43,75 37,20 35,— 32,—
61322 A 6.1/21F C 6.1 2811 2	4-Fluoro-2-nitroaniline PROSYNTH® <i>4-Fluoro-2-nitroaniline / 4-Fluoro-2-nitroanilina</i> $NO_2C_6H_3FNH_2$ $C_6H_5FN_2O_2$ $M = 156,12 \text{ g/mol}$ assay (GC) 90% melting range 93–95 °C	WG. 2922	100 g 165,— 140,25 132,— 123,—
61070 A 6.1/21E C 6.1 2811 2	4-Fluoro-3-nitroaniline PROSYNTH® <i>4-Fluoro-3-nitroaniline / 4 Fluoro-3-nitroanilina</i> $C_6H_3(NH_2)(NO_2)F$ $C_6H_5FN_2O_2$ $M = 156,12 \text{ g/mol}$ assay 98% melting range 96–98 °C	WG. 2922	50 g 100,— 85,— 80,— 75,—
61427 A 6.1/21 C 6.1 2811 2	3-Fluoro-6-nitrobenzaldehyde PROSYNTH® <i>3-Fluoro-6-nitrobenzaldéhyde / 3-Fluoro-6-nitrobenzaldehydo</i> $NO_2C_6H_3FCHO$ $C_7H_4FNO_3$ $M = 169,11 \text{ g/mol}$	FL. 2911	1 g 49,25 41,85 39,40 36,9
61428 A 6.1/21 C 6.1 2811 2	4-Fluoro-2-nitrobenzaldehyde PROSYNTH® <i>4-Fluoro-2-nitrobenzaldéhyde / 4-Fluoro-2-nitrobenzaldehydo</i> $NO_2C_6H_3FCHO$ $C_7H_4FNO_3$ $M = 169,11 \text{ g/mol}$	FL. 2911	1 g 70,— 59,50 56,— 52,—
61055 A 6.1/21K C 6.1 2810 2	2-Fluoronitrobenzene PROSYNTH® <i>2-Fluoronitrobenzène / 2-Fluoronitrobenceno</i> $C_6H_4FNO_2$ $M = 141,10 \text{ g/mol}$ $1 \text{ L} \approx 1,33 \text{ kg}$ assay (GC) 98% boiling range (at 15 mbar) 84–86 °C refractive index (n_D^{20}) 1,532	FL. 2903	100 ml 75,50 64,20 60,40 56,6
	R: 23/24/25-33 S: 28-37-44 disposal: 20		
61056 A 6.1/21K C 6.1 2810 2	3-Fluoronitrobenzene PROSYNTH® <i>3-Fluoronitrobenzène / 3-Fluoronitrobenceno</i> $C_6H_4FNO_2$ $M = 141,10 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$ assay (GC) 98% boiling range (at 20 mbar) 88–90 °C refractive index (n_D^{20}) 1,525	FL. 2903	100 ml 100,— 85,— 80,— 75,—
	R: 23/24/25-33 S: 28-37-44 disposal: 20		

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
057	4-Fluoronitrobenzene PROSYNTH®	FL.	100 ml	40,—	34,—	32,—	30,—
6.1/21K	4-Fluoronitrobenzène / 4-Fluoronitrobenceno	KA.	30 kg	price on request			
6.1 2810 2	C ₆ H ₄ FNO ₂ M = 141,10 g/mol 1 L ≈ 1,33 kg	F.	200 kg	price on request			
	assay (GC) 98%	2903					
	boiling range 205—207 °C						
	refractive index (n _D ²⁰) 1,531						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
1143	2-Fluoro-5-nitrobenzotrifluoride PROSYNTH®	FL.	10 g	13,25	11,25	10,60	9,95
6.1/21K	2-Fluoro-5-nitrobenzotrifluorure / 2-Fluoro-5-	2903					
6.1 1578 2	nitrobenzotrifluoruro						
	FC ₆ H ₃ (NO ₂)CF ₃						
	C ₇ H ₃ F ₄ NO ₂ M = 209,10 g/mol 1 L ≈ 1,52 kg						
	assay (GC) 99%						
	boiling range (at 67 mbar) 116—118 °C						
	refractive index (n _D ²⁰) 1,465						
	 R: 23/24/25 S: 44 disposal: 21						
1516	2-Fluoro-6-nitrobenzyl bromide PROSYNTH®	WG.	25 g	100,—	85,—	80,—	75,—
6.1/21K	Fluoro-2-nitro-6-benzyle bromure / 2-Fluoro-6-nitrobencilo	2903					
6.1*1578 2	bromuro						
	FC ₆ H ₃ (NO ₂)CH ₂ Br						
	C ₇ H ₅ BrFNO ₂ M = 234,02 g/mol						
	assay (HPLC) 98%						
	melting range 53—54 °C						
1323	4-Fluoro-4'-nitrobiphenyl PROSYNTH®	WG.	10 g	143,—	121,55	114,40	107,25
6.1/21K	4-Fluoro-4'-nitrobiphényle / 4-Fluoro-4'-nitrobifenilo	2903					
6.1 2811 2	FC ₆ H ₄ C ₆ H ₄ NO ₂						
	C ₁₂ H ₈ FNO ₂ M = 217,20 g/mol						
	melting range 120—122 °C						
1429	2-Fluoro-6-nitrophenol PROSYNTH®	FL.	1 g	70,—	59,50	56,—	52,50
6.1/22	2-Fluoro-6-nitrophénol / 2-Fluoro-6-nitrofenol	2906					
6.1 2811 3	NO ₂ C ₆ H ₃ FOH						
	C ₆ H ₄ FNO ₃ M = 157,10 g/mol						
1325	3-Fluoro-4-nitrophenol monohydrate PROSYNTH®	FL.	1 g	47,—	39,95	37,60	35,25
6.1/21L	3-Fluoro-4-nitrophénol monohydrate / 3-Fluoro-4-	2907					
6.1 2811 3	nitrofenol monohidrato						
	NO ₂ C ₆ H ₃ FOH · H ₂ O						
	C ₆ H ₄ FNO ₃ · H ₂ O M = 175,12 g/mol						
	assay 99%						
	melting range 38—40 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
1324	3-Fluoro-6-nitrophenol PROSYNTH®	FL.	1 g	40,75	34,65	32,60	30,55
6.1/21L	3-Fluoro-6-nitrophénol / 3-Fluoro-6-nitrofenol	2907					
6.1 2811 3	NO ₂ C ₆ H ₃ FOH						
	C ₆ H ₄ FNO ₃ M = 157,10 g/mol						
	assay (GC) 97%						
	melting range 29—31 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
51430	4-Fluoro-3-nitrophenyltrimethylammonium iodide PROSYNTH®	FL.	1 g	25,75	21,90	20,60	19,30
	4-Fluoro-3-nitrophényltriméthylammonium iodure /	2924					
	4-Fluoro-3-nitrofeniltrimetilamonio yoduro						
	FC ₆ H ₃ (NO ₂)N(J)(CH ₃) ₃						
	C ₉ H ₁₂ FJN ₂ O ₂ M = 326,11 g/mol						
	assay (ex I) 98%						
	melting range 185—190 °C (disint.)						

Code-Number
A) RID/ADR
B) GGVE/GGVSE
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

61431 2-Fluoro-5-nitropyridine PROSYNTH®
A 6.1/21 *2-Fluoro-5-nitropyridine / 2-Fluoro-5-nitropiridina*
C 6.1 2810 2 $N = CFCH = CHC(NO_2) = CH$
 $C_5H_3FN_2O_2$ $M = 142,09$ g/mol $1 L \approx 1,42$ kg
assay (HPLC) 97%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2935

1 ml 70,— 59,50 56,— 52,5—

61478 2-Fluoro-β-nitrostyrene PROSYNTH®
A 6.1/21K *Fluoro-2-nitro-β-styrène / 2-Fluoro-β-nitroestirene*
C 6.1 2811 2 $FC_6H_4CH = CHNO_2$
 $C_8H_6FNO_2$ $M = 167,14$ g/mol
assay (GC) 99%
melting range 56—57 °C

WG.
WG.
2903

25 g 100,— 85,— 80,— 75,—
† 100 g 340,— 289,—

61482 4-Fluoro-β-nitrostyrene PROSYNTH®
A 6.1/21 *Fluoro-4-nitro-β-styrène / 4-Fluoro-β-nitroestireno*
C 6.1 2811 2 $FC_6H_4CH = CHNO_2$
 $C_8H_6FNO_2$ $M = 167,14$ g/mol
assay (GC) 99%
melting range 100—102 °C

WG.
WG.
2903

25 g 100,— 85,— 80,— 75,—
† 100 g 340,— 289,—



R: 20/21/22 S: 28
disposal: 7

61061 2-Fluoro-4-nitrotoluene PROSYNTH®
A 6.1/21L *2-Fluoro-4-nitrotoluène / 2-Fluoro-4-nitrotolueno*
C 6.1 2810 2 $C_6H_3(CH_3)F(NO_2)$
 $C_7H_6FNO_2$ $M = 155,13$ g/mol $1 L \approx 1,23$ kg
assay (GC) 95%
melting range 31—33 °C

FL.
2903

100 ml 100,— 85,— 80,— 75,—



R: 23/24/25-33 S: 28-37-44
disposal: 20

61062 2-Fluoro-5-nitrotoluene PROSYNTH®
A 6.1/21L *2-Fluoro-5-nitrotoluène / 2-Fluoro-5-nitrotolueno*
C 6.1 2811 2 $C_6H_3(CH_3)F(NO_2)$
 $C_7H_6FNO_2$ $M = 155,13$ g/mol
assay (GC) 98%
melting range 38—40 °C

WG.
2903

100 g 125,50 106,70 100,40 94,15



R: 23/24/25-33 S: 28-37-44
disposal: 20

61063 2-Fluoro-6-nitrotoluene PROSYNTH®
A 6.1/21L *2-Fluoro-6-nitrotoluène / 2-Fluoro-6-nitrotolueno*
C 6.1 2810 2 $C_6H_3(CH_3)F(NO_2)$
 $C_7H_6FNO_2$ $M = 155,13$ g/mol $1 L \approx 1,28$ kg

FL.
2903

100 ml 130,— 110,50 104,— 97,50



R: 23/24/25-33 S: 28-37-44
disposal: 20

01811 2-Fluoro-6-nitrotoluene
A 6.1/21L *2-Fluoro-6-nitrotoluène / 2-Fluoro-6-nitrotolueno*
C 6.1 2810 2 $C_6H_3(CH_3)F(NO_2)$
 $C_7H_6FNO_2$ $M = 155,13$ g/mol $1 L \approx 1,28$ kg

EKS.
F.
2903

45 kg price on request
200 kg price on request



R: 23/24/25-33 S: 28-37-44
disposal: 20






61326 3-Fluoro-6-nitrotoluene PROSYNTH®
A 6.1/21K *3-Fluoro-6-nitrotoluène / 3-Fluoro-6-nitrotolueno*
C 6.1 2810 2 $NO_2C_6H_3FCH_3$
 $C_7H_6FNO_2$ $M = 155,13$ g/mol $1 L \approx 1,29$ kg
assay (GC) 97%
boiling range 95—97 °C

FL.
2903

25 ml 100,50 85,45 80,40 75,40



R: 23/24/25-33 S: 28-37-44
disposal: 20



e-Number D/ADR GVE/GGVS IDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
327	4-Fluoro-2-nitrotoluene PROSYNTH® <i>4-Fluoro-2-nitrotoluène / 4-Fluoro-2-nitrotolueno</i>	FL. 2903	50 ml	80,—	68,—	64,—	60,—
1.1/21K							
1.1 2810 2	NO ₂ C ₆ H ₃ FCH ₃ C ₇ H ₆ FNO ₂ M = 155,13 g/mol 1 L ≈ 1,26 kg assay (GC) 99% boiling range 211—213 °C refractive index (n _D ²⁰) 1,527						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						
432	1-Fluorooctane PROSYNTH® <i>1-Fluorooctane / 1-Fluorooctano</i>	FL. 2902	10 ml	28,50	24,25	22,80	21,40
3/3							
3.3 1993 2	CH ₃ (CH ₂) ₇ F C ₈ H ₁₇ F M = 132,22 g/mol 1 L ≈ 0,81 kg assay (GC) 97% boiling range 141—143 °C refractive index (n _D ²⁰) 1,394						
53 °C	R: 10 disposal: 7						
1211	2-Fluorophenol PROSYNTH® <i>2-Fluorophénol / 2-Fluorofenol</i>	FL. 2907	50 ml	60,—	51,—	48,—	45,—
6.1/13C							
6.1 2810 3	FC ₆ H ₄ OH C ₆ H ₅ FO M = 112,10 g/mol 1 L ≈ 1,20 kg assay (GC) 98% boiling range 150—152 °C refractive index (n _D ²⁰) 1,514						
	 R: 20/21/22 S: 2-28 disposal: 7						
1212	3-Fluorophenol PROSYNTH® <i>3-Fluorophénol / 3-Fluorofenol</i>	FL. 2907	50 ml	115,—	97,75	92,—	86,25
6.1/13C							
6.1 2810 3	FC ₆ H ₄ OH C ₆ H ₅ FO M = 112,10 g/mol 1 L ≈ 1,22 kg assay (GC) 97% boiling range 174—176 °C refractive index (n _D ²⁰) 1,514						
	 R: 20/21/22 S: 2-28 disposal: 7						
3259	4-Fluorophenol R.G. <i>4-Fluorophénol / 4-Fluorofenol</i>	PF. 2907	100 g	130,—	110,50	104,—	97,50
6.1/13C							
6.1 2021 3	FC ₆ H ₄ OH C ₆ H ₅ FO M = 112,10 g/mol suitability for determination of nitrate passes test						
	 R: 20/21/22 S: 2-28 disposal: 7						
1213	4-Fluorophenol PROSYNTH® <i>4-Fluorophénol / 4-Fluorofenol</i>	PF. PF. 2907	† 25 g 100 g	19,25 58,—	16,35 49,30	46,40	43,50
6.1/13C							
6.1 2810 3	FC ₆ H ₄ OH C ₆ H ₅ FO M = 112,10 g/mol 1 L ≈ 1,22 kg assay (GC) 98% melting range 44—47 °C						
	 R: 20/21/22 S: 2-28 disposal: 7						
1504	4-Fluorophenoxyacetamide PROSYNTH® <i>4-Fluorophénoxyacétamide / 4-Fluorofenoxiacetamida</i>	WG. 2925	100 g	218,—	185,30	174,40	163,50
	FC ₆ H ₄ OCH ₂ CONH ₂ C ₈ H ₈ FNO ₂ M = 169,16 g/mol assay (GC) 97% melting range 108—108 °C						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (64 Boxes)
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61503	4-Fluorophenoxyacetic acid PROSYNTH® <i>Acide 4-fluorophénoxyacétique / Acido 4-fluorofenoxiacético</i> <chem>FC6H4OCH2COOH</chem> <chem>C6H7FO3</chem> <i>M</i> = 170,14 g/mol assay (HPCL) 97% melting range 98–100 °C	WG. 2916	100 g	327,—	277,95	261,60	245,—
61434	2-Fluorophenylacetic acid PROSYNTH® <i>Acide 2-fluorophénylacétique / Acido 2-fluorofenilacético</i> <chem>FC6H4CH2COOH</chem> <chem>C6H7FO2</chem> <i>M</i> = 154,14 g/mol assay (GC) 99% melting range 60–62 °C	FL. WG. 2914	† 1 g 50 g	8,50 100,—	7,25 85,—	80,—	75,—
61328	4-Fluorophenylacetic acid PROSYNTH® <i>Acide 4-fluorophénylacétique / Acido 4-fluorofenilacético</i> <chem>FC6H4CH2COOH</chem> <chem>C6H7FO2</chem> <i>M</i> = 154,14 g/mol assay (GC) 99% melting range 81–83 °C	WG. 2914	50 g	95,—	80,75	76,—	71,2
61493	2-(2-Fluorophenyl)-acetoacetic acid PROSYNTH® <i>Acide 2-(2-fluorophényl)-acétoacétique / Acido 2-(2-fluorofenilo)-acetoacético</i> <chem>FC6H4CH(COOH)COCH3</chem> <chem>C10H9FO3</chem> <i>M</i> = 196,18 g/mol assay (GC) 98% melting range 114–116 °C	WG. 2916	100 g	356,—	302,60	284,80	267,—
61494	2-(4-Fluorophenyl)-acetoacetic acid PROSYNTH® <i>Acide 2-(4-fluorophényl)-acétoacétique / Acido 2-(4-fluorofenilo)-acetoacético</i> <chem>FC6H4CH(COOH)COCH3</chem> <chem>C10H9FO3</chem> <i>M</i> = 196,18 g/mol assay (GC) 98% melting range 104–106 °C	WG. 2916	100 g	312,—	265,20	249,60	234,—
61495 A 6.1/21 C 6.1 2811 2	2-(2-Fluorophenyl)-acetoacetonitrile PROSYNTH® <i>2-(2-Fluorophényl)-acétoacétnitrile / 2-(2-Fluorofenilo)-acetoacetonitrilo</i> <chem>FC6H4(CN)COCH3</chem> <chem>C10H8FNO</chem> <i>M</i> = 177,18 g/mol assay (GC) 98% melting range 81–83 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	413,—	351,05	330,40	309,75
61496 A 6.1/21 C 6.1 2811 2	2-(4-Fluorophenyl)-acetoacetonitrile PROSYNTH® <i>2-(4-Fluorophényl)-acétoacétnitrile / 2-(4-Fluorofenilo)-acetoacetonitrilo</i> <chem>FC6H4CH(CN)COCH3</chem> <chem>C10H8FNO</chem> <i>M</i> = 177,18 g/mol assay (GC) 98% melting range 86–88 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	375,—	318,75	300,—	281,25
61161	2-Fluorophenylacetone PROSYNTH® <i>Fluoro-2-phénylacétone / 2-Fluorofenilacetona</i> <chem>FC6H4CH2COCH3</chem> <chem>C9H9FO</chem> <i>M</i> = 152,17 g/mol assay (GC) 99% boiling range (at 20 mbar) 97–99 °C 1 L ≈ 1,07 kg	FL. FL. 2913	50 ml † 100 ml	150,— 273,—	127,50 232,05	120,—	112,50

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
164	4-Fluorophenylacetone PROSYNTH® <i>Fluoro-4-phénylacétone / 4-Fluorofenilacetona</i> <chem>FC6H4CH2COCH3</chem> <chem>C9H9FO</chem> $M = 152,17$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 99% boiling range (at 13 mbar) 85–87 °C	FL. FL. 2913	50 ml † 100 ml	140,— 255,—	119,— 216,75	112,—	105,—
	2-Fluorophenylacetoneitrile see 2-Fluorobenzyl cyanide						
397	2-Fluoro-DL-phenylalanine BIOSYNTH® <i>2-Fluoro-DL-phénylalanine / 2-Fluoro-DL-fenilalanina</i> <chem>FC6H4CH2CH(NH2)COOH</chem> <chem>C9H10FNO2</chem> $M = 183,18$ g/mol	WG. 2923	1 g	22,—	18,70	17,60	16,50
395	3-Fluoro-DL-phenylalanine BIOSYNTH® <i>3-Fluoro-DL-phénylalanine / 3-Fluoro-DL-fenilalanina</i> <chem>FC6H4CH2CH(NH2)COOH</chem> <chem>C9H10FNO2</chem> $M = 183,18$ g/mol	FL. 2923	1 g	22,—	18,70	17,60	16,50
392	4-Fluoro-DL-phenylalanine BIOSYNTH® <i>4-Fluoro-DL-phénylalanine / 4-Fluoro-DL-fenilalanina</i> <chem>FC6H4CH2CH(NH2)COOH</chem> <chem>C9H10FNO2</chem> $M = 183,18$ g/mol	FL. FL. 2923	1 g 10 g	25,50 180,—	21,70 153,—	20,40 144,—	19,15 135,—
433 3/4	N-(4-Fluorophenyl)-ethylendiamine PROSYNTH® <i>N-(4-Fluorophényl)-éthylenediamine / N-(4-Fluorofenil)-etilendiamina</i> <chem>FC6H4NHCH2CH2NH2</chem> <chem>C8H11FN2</chem> $M = 154,19$ g/mol $1\text{ L} \approx 1,14$ kg assay (GC) 98% refractive index (n_D^{20}) 1,555	FL. 2922	5 ml	24,—	20,40	19,20	18,—
488	DL-(2-Fluorophenyl)-glycine PROSYNTH® <i>DL-(Fluoro-2-phényl)-glycine / DL-(2-Fluorofenil)-glicina</i> <chem>FC6H4CH(NH2)COOH</chem> <chem>C8H8FNO2</chem> $M = 169,16$ g/mol assay (ex N) 98%	PF. PF. 2923	50 g † 100 g	150,— 273,—	127,50 232,05	120,—	112,50
501	D(-)-(4-Fluorophenyl)-glycine PROSYNTH® <i>D(-)-(Fluoro-4-phényl)-glycine / D(-)-(4-Fluorofenil)-glicina</i> <chem>FC6H4CH(NH2)COOH</chem> <chem>C8H8FNO2</chem> $M = 169,16$ g/mol assay (ex N) 99% specific rotation (α_D^{20} , c=2 in HCl 1 mol/l) 135° ± 1°	WG. WG. 2923	25 g † 100 g	150,— 510,—	127,50 433,50	120,—	112,50
1330	3-Fluorophenylhydrazinium chloride PROSYNTH® <i>3-Fluorophénylhydrazinium chlorure / 3-Fluorofenilhidracinio cloruro</i> <chem>FC6H4NHNH2 · HCl</chem> <chem>C6H8ClFN2</chem> $M = 162,59$ g/mol assay (ex Cl) 97% melting range 266–268 °C (disint.)	WG. 2929	10 g	109,—	92,65	87,20	81,75
1331 3.3 1993 2 C	4-Fluorophenylhydrazinium chloride PROSYNTH® <i>4-Fluorophénylhydrazinium chlorure / 4-Fluorofenilhidracinio cloruro</i> <chem>FC6H4NHNH2 · HCl</chem> <chem>C6H8ClFN2</chem> $M = 162,59$ g/mol assay (ex Cl) 97% melting range 248–250 °C (disint.)	WG. 2929	10 g	65,50	55,70	52,40	49,15
1333	2-Fluorophenylmethylcarbinol PROSYNTH® <i>2-Fluorophénylméthylcarbinol / 2-Fluorofenilmetilcarbinol</i> <chem>FC6H4CH(OH)CH3</chem> <chem>C8H9FO</chem> $M = 140,16$ g/mol $1\text{ L} \approx 1,13$ kg assay (GC) 97% boiling range (at 60 mbar) 115–117 °C refractive index (n_D^{20}) 1,503	FL. 2905	25 ml	188,—	159,80	150,40	141,—

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM



1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

61334	3-Fluorophenylmethylcarbinol PROSYNTH® <i>3-Fluorophénylméthylcarbinol / 3-Fluorofenilmetilcarbinol</i> <chem>FC6H4CH(OH)CH3</chem> <chem>C8H9FO</chem> $M = 140,16 \text{ g/mol}$ $1 \text{ L} \approx 1,12 \text{ kg}$ assay (GC) 97% boiling range (at 60 mbar) 118–120 °C refractive index (n_D^{20}) 1,501	FL. 2905	25 ml	188,—	159,80	150,40	141,—
61335	4-Fluorophenylmethylcarbinol PROSYNTH® <i>4-Fluorophénylméthylcarbinol / 4-Fluorofenilmetilcarbinol</i> <chem>FC6H4CH(OH)CH3</chem> <chem>C8H9FO</chem> $M = 140,16 \text{ g/mol}$ $1 \text{ L} \approx 1,12 \text{ kg}$ assay (GC) 98% boiling range (at 60 mbar) 120–122 °C refractive index (n_D^{20}) 1,500	FL. 2905	25 ml	96,—	81,60	76,80	72,—
61332 A 6.1/25C C 6.1 2811 2	4-Fluorophenyl iso-thiocyanate PROSYNTH® <i>4-Fluorophényle iso-thiocyanate / 4-Fluorofenilo iso-tiocianato</i> <chem>FC6H4NCS</chem> <chem>C7H4FNS</chem> $M = 153,18 \text{ g/mol}$ assay (GC) 98% melting range 25–27 °C	FL. 2931	10 g	56,50	48,05	45,20	42,4
61346	3-Fluorophthalic acid PROSYNTH® <i>Acide 3-fluorophthalique / Acido 3-fluoroftálico</i> <chem>FC6H3(COOH)2</chem> <chem>C8H5FO4</chem> $M = 184,12 \text{ g/mol}$ assay (alkalimetric) 99% melting range 160–165 °C	WG. 2915	10 g	74,—	62,90	59,20	55,5
61347	3-Fluorophthalic anhydride PROSYNTH® <i>Anhydride 3-fluorophthalique / Anhídrido 3-fluoroftálico</i> <chem>FC6H3COOCO</chem> <chem>C8H3FO3</chem> $M = 166,11 \text{ g/mol}$ assay 96%	WG. 2915	10 g	74,—	62,90	59,20	55,5
61348	4-Fluoropropiophenone PROSYNTH® <i>4-Fluoropropiophénone / 4-Fluoropropiopenona</i> <chem>FC6H4COC2H5</chem> <chem>C9H9FO</chem> $M = 152,17 \text{ g/mol}$ $1 \text{ L} \approx 1,10 \text{ kg}$ assay (GC) 98% boiling range (at 29 mbar) 100–102 °C refractive index (n_D^{20}) 1,506	FL. EKS. 2913	50 g 30 kg	37,— price on request	31,45	29,60	27,7
61349 A 3/3 C 3.3 1992 2 +24 °C	2-Fluoropyridine PROSYNTH® <i>2-Fluoropyridine / 2-Fluoropiridina</i> <chem>N=CFCH=CHCH=CH</chem> <chem>C5H4FN</chem> $M = 97,09 \text{ g/mol}$ $1 \text{ L} \approx 1,13 \text{ kg}$ assay (GC) 98% boiling range 124–126 °C  R: 10-20/21/22 disposal: 7	FL. 2935	50 ml	64,50	54,85	51,60	48,4
01302 A 8/8 C 8 1778 2	Fluorosilicic acid 34% pure <i>Acide fluorosilicique / Acido fluorosilícico</i> <chem>H2SiF6</chem> $M = 144,09 \text{ g/mol}$ $1 \text{ L} \approx 1,31 \text{ kg}$ assay 34% iron (Fe) 0,01% heavy metals (as Pb) 0,003% chloride (Cl) 0,005% sulphate (SO4) 0,01%  R: 34 S: 26-27 disposal: 27	PF. FPF. 2813	1 L 70 kg	18,75 price on request	15,95	15,—	14,4

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
1301	Fluorosilicic acid 34% technical <i>Acide fluorosilicique / Acido fluorosilícico</i>	PF. FPF. 2813	1 L 70 kg	17,50	14,90	14,—	13,50
8/8 8 1778 2	H_2SiF_6 $M = 144,09 \text{ g/mol}$ 1 L \approx 1,31 kg assay 34% iron (Fe) 0,01% heavy metals (as Pb) 0,005% chloride (Cl) 0,2% sulphate (SO ₄) 0,1%  R: 34 S: 26-27 disposal: 27			price on request			
0108	Fluorosilicic acid 31% R. G. <i>Acide fluorosilicique / Acido fluorosilícico</i>	PF. 2813	1 L	42,25	35,90	33,80	32,55
8/8 8 1788 2	H_2SiF_6 $M = 144,09 \text{ g/mol}$ 1 L \approx 1,29 kg assay 30—32% residue on ignition max. 0,01% calcium (Ca) max. 0,002% iron (Fe) max. 0,001% potassium (K) max. 0,002% magnesium (Mg) max. 0,002% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,002% sulphate (SO ₄) max. 0,005%  R: 34 S: 26-27 disposal: 27						
1350	2-Fluorostyrene PROSYNTH[®] stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>2-Fluorostyrène / 2-Fluoroestireno</i>	FL. 2902	5 ml	53,50	45,50	42,80	40,15
3/3 3.3 1993 2	$\text{FC}_6\text{H}_4\text{CH}=\text{CH}_2$ $\text{C}_8\text{H}_7\text{F}$ $M = 122,14 \text{ g/mol}$ 1 L \approx 1,03 kg assay (GC) 98% boiling range (at 43 mbar) 44—46 °C refractive index (n_D^{20}) 1,520 R: 10 disposal: 7						
1351	3-Fluorostyrene PROSYNTH[®] stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>3-Fluorostyrène / 3-Fluoroestireno</i>	FL. 2902	5 ml	93,50	79,50	74,80	70,15
3/3 3.3 1993 2	$\text{FC}_6\text{H}_4\text{CH}=\text{CH}_2$ $\text{C}_8\text{H}_7\text{F}$ $M = 122,14 \text{ g/mol}$ 1 L \approx 1,02 kg assay (GC) 98% boiling range (at 5 mbar) 30—32 °C refractive index (n_D^{20}) 1,517 R: 10 disposal: 7						
1352	4-Fluorostyrene PROSYNHT[®] stabilized with 4-tert.-butylpyrocatechol (1 g/l) <i>4-Fluorostyrène / 4-Fluoroestireno</i>	FL. 2902	5 ml	45,25	38,45	36,20	33,95
3/3 3.3 1993 2 -35 °C	$\text{FC}_6\text{H}_4\text{CH}=\text{CH}_2$ $\text{C}_8\text{H}_7\text{F}$ $M = 122,14 \text{ g/mol}$ 1 L \approx 1,02 kg assay (GC) 97% boiling range (at 67 mbar) 65—67 °C refractive index (n_D^{20}) 1,515 R: 10 disposal: 7						
1435	1-Fluorotetradecane PROSYNTH[®] <i>1-Fluorotétradécane / 1-Fluorotetradecano</i>	FL. 2902	10 ml	30,75	26,15	24,60	23,05
	$\text{CH}_3(\text{CH}_2)_{13}\text{F}$ $\text{C}_{14}\text{H}_{29}\text{F}$ $M = 216,38 \text{ g/mol}$ 1 L \approx 0,83 kg assay (GC) 96% boiling range 117—120 °C refractive index (n_D^{20}) 1,425						

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Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

61436 4-Fluorothiophenol PROSYNTH®
A 6.1/22 **4-Fluorothiophénol / 4-Fluorotiofenol**
C 6.1 2810 3 FC6H4SH
C6H5FS $M = 128,17 \text{ g/mol}$ $1 \text{ L} \approx 1,20 \text{ kg}$
assay (GC) 99%
boiling range $159 - 161^\circ \text{C}$
refractive index (n_D^{20}) 1,550

FL.
2931

1 ml 28,50 24,25 22,80 21,41

61048 2-Fluorotoluene PROSYNTH®
A 3/1A **2-Fluorotoluène / 2-Fluorotolueno**
C 3.2 2388 2 C6H4(CH3)F
C7H7F $M = 110,13 \text{ g/mol}$ $1 \text{ L} \approx 1,00 \text{ kg}$
+8°C

FL.
2902

250 ml 40,— 34,— 32,— 30,—



R: 11-20 S: 7-16-29-33
disposal: 7

01804 2-Fluorotoluene
A 3/1A **2-Fluorotoluène / 2-Fluorotolueno**
C 3.2 2388 2 C6H4(CH3)F
C7H7F $M = 110,13 \text{ g/mol}$ $1 \text{ L} \approx 1,00 \text{ kg}$
+8°C

EKS.
2902

40 kg price on request



R: 11-20 S: 7-16-29-33
disposal: 7

61049 3-Fluorotoluene PROSYNTH®
A 3/1A **3-Fluorotoluène / 3-Fluorotolueno**
C 3.2 2388 2 C6H4(CH3)F
C7H7F $M = 110,13 \text{ g/mol}$ $1 \text{ L} \approx 1,00 \text{ kg}$
+12°C
assay (GC) 99%
boiling range $114 - 116^\circ \text{C}$
refractive index (n_D^{20}) 1,470

FL.
2902

100 ml 40,— 34,— 32,— 30,—



R: 11-20 S: 7-16-29-33
disposal: 7

61050 4-Fluorotoluene PROSYNTH®
A 3/1A **4-Fluorotoluène / 4-Fluorotolueno**
C 3.2 2388 2 C6H4(CH3)F
C7H7F $M = 110,13 \text{ g/mol}$ $1 \text{ L} \approx 1,00 \text{ kg}$
+10°C
assay (GC) 99%

FL.
2902

250 ml 50,— 42,50 40,— 37,50



R: 11-20 S: 7-16-29-33
disposal: 7

01805 4-Fluorotoluene
A 3/1A **4-Fluorotoluène / 4-Fluorotolueno**
C 3.2 2388 2 C6H4(CH3)F
C7H7F $M = 110,13 \text{ g/mol}$ $1 \text{ L} \approx 1,00 \text{ kg}$
+10°C
assay (GC) 99%

EKS.
F.
2902

40 kg price on request
200 kg price on request



R: 11-20 S: 7-16-29-33
disposal: 7

39360 5'-Fluorouracil BIOSYNTH®
5'-Fluorouracile / 5'-Fluorouracilo
N=C(OH)N=C(OH)CF=CH
C4H3FN2O3 $M = 130,08 \text{ g/mol}$

FL.
2935

1 g 15,50 13,20 12,40 11,65

61509 3-Fluoro-1,2-xylene PROSYNTH®
3-Fluoro-1-2-xylène / 3-Fluoro-1,2-xileno
FC6H3(CH3)2
C6H5F $M = 125,17 \text{ g/mol}$

FL.
2935






25 ml 130,— 110,50 104,— 97,50

61510 DL(±)-(4-Fluorophenyl)-glycine PROSYNTH®
DL(±)-(4-Fluorophényl)-glycine / DL(±)-(4-Fluorofenil)-glicina
FC6H4CH(NH2)COOH
C6H5FNO2 $M = 169,16 \text{ g/mol}$
assay (ex N) 99%

WG.
2923

25 g 130,— 110,50 104,— 97,50

Folane see Diphenylacetylene

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
9176	Folic acid BIOSYNTH® <i>Acide folique / Acido fólico</i> $C_{19}H_{19}N_7O_6$ $M = 441,40$ g/mol	WG. 2935	10 g	23,—	19,55	18,40	17,25
	Folin see also Sodium naphthoquinone-1,2-sulphonate-(4)						
6022	Folin-Denis reagent for phenols <i>Réactif de Folin-Denis / Reactivo de Folin-Denis</i> 1 L \approx 1,13 kg	FL. 3819	250 ml	14,—	11,90	11,20	10,50
6070	Folin-Denis reagent for colorimetric detection of uric acid <i>Réactif de Folin-Denis / Reactivo de Folin-Denis</i> 1 L \approx 1,13 kg	FL. 3819	250 ml	14,—	11,90	11,20	10,50
5803	Folpet min. 99% PESTANAL® [N-(Trichloromethylthio)-phthalimide] $C_9H_4Cl_3NO_2S$ $M = 296,56$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2926	1 g	28,25	24,—	22,60	21,20
5901	Fonophos min. 99% PESTANAL® $CH_3CH_2O(CH_3CH_2)P(S)SC_6H_5$ $C_{10}H_{15}OPS_2$ $M = 246,33$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2921	2 g	63,—	53,55	50,40	47,25
6.1/81A							
6.1 1615 2							
	 R: 26/27/28 S: 1-13-45 disposal: 7						
5512	Formaldehyde solution 37% by weight, B. P. 1973, U. S. P. XIX, stabilized with about 10% methanol <i>Formaldéhyde en solution / Formaldehido en solución</i> HCHO CH_2O $M = 30,03$ g/mol 1 L \approx 1,09 kg assay 37% density (D_4^{20}) 1,085–1,095 sulphated ash 0,05% free acid (as HCOOH) 0,1% heavy metals (as Pb) 0,0005% chloride (Cl) 0,001% sulphate (SO_4) 0,002%	PF. PF. STP. STP. STP. 2911	1 L 2,5 L 60 kg 5x 10x	13,50 26,50 kg kg kg	11,50 22,— 3,10 2,90 2,80	10,80 20,65	10,40 19,90
8/24							
3.3 1198 2							
+56°C							
	 R: 23/24/25 S: 2-28 disposal: 14						
9052	Formaldehyde-d₂ solution (20% in D₂O) deuteration degree not less than 99 atom% D <i>Formaldéhyde-d₂ solution / Formaldehído-d₂ solución</i> DCDO CD_2O $M = 32,01$ g/mol 1 L \approx 1,06 kg	A. 2851	5 ml	95,—	80,75	76,—	71,25
8/24							
3.3 1198 2							
+56°C							
	 R: 23/24/25 S: 2-28 disposal: 14						
	p-Formaldehyde see Paraformaldehyde						
64591	Formaldehyde dimethyl acetal PROSYNTH® <i>Formaldéhyde diméthylacétal / Formaldehido dimetilacetal</i> $CH_3OCH_2OCH_3$ $C_3H_8O_2$ $M = 76,10$ g/mol 1 L \approx 0,86 kg	FL. 2910	1 L	49,25	41,85	39,40	37,90
3/5							
3.2 1993 2							
17°C							
	  R: 11-23/24/25 S: 16-27-44 disposal: 14						
	Formaldehyde gelatine see GELETOL®						
	Formaldehyde oxime see Formaldoxime						
64330	Formaldehyde oxime hydrochloride trimer PROSYNTH® <i>Formaldoxime chlorhydrate trimère / Formaldoxima clorhidrato trimero</i> $(CH_2=NOH)_3 \cdot HCl$ $C_3H_{10}ClN_3O_3$ $M = 171,58$ g/mol	WG. 2929	10 g	29,25	24,85	23,40	21,95
	FIXANAL® preparations for standard solutions						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

33220 Formaldehyde solution 35% by weight, R. G., Reag. ACS

A - stabilized with about 10% methanol
B 8/24 *Formaldéhyde en solution / Formaldehido en solución*

C 3.3 1198 2
+56°C

HCHO
CH₂O M = 30,03 g/mol 1 L ≈ 1,09 kg
assay 35—37%
density (D₄²⁰) 1,085—1,095
sulphated ash max. 0,005%
free acid (as HCOOH) max. 0,03%
iron (Fe) max. 0,0001%
heavy metals (as Pb) max. 0,0002%
chloride (Cl) max. 0,0001%
sulphate (SO₄) max. 0,002%



R: 23/24/25 S: 2-28
disposal: 14

PF. 1 L 14,75 12,55 11,50 10,8
PF. 2,5 L 30,75 25,50 24,— 23,0
STP. 60 kg kg 4,—
2911

15513 Formaldehyde solution 35% by weight, DAB 8, stabilized with about 10% methanol

B 8/24 *Formaldéhyde en solution / Formaldehido en solución*

C 3.3 1198 2
+56°C

HCHO
CH₂O M = 30,03 g/mol 1 L ≈ 1,08 kg
assay 36%
density (D₄²⁰) 1,075—1,086
sulphated ash 0,05%
free acid
(as HCOOH) 0,1%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
sulphate (SO₄) 0,002%



R: 23/24/25 S: 2-28
disposal: 14

PF. 1 L 13,50 11,50 10,80 10,4
PF. 2,5 L 27,75 23,05 21,65 20,8
STP. 60 kg kg 3,05
STP. 5x kg 2,85
STP. 10x kg 2,75
2911

33197 Formaldoxime R. G. (abt. 15% solution in diethyl ether)

A 3/1A *Formaldoxime / Formaldoxima*

C 3.1 1155 1
-20°C

HCH = NOH
CH₃NO M = 45,04 g/mol 1 L ≈ 0,72kg



R: 12-19 S: 9-16-29-33
disposal: 5

FL. 50 ml 56,50 48,05 45,20 42,4
2929

Formalin see Formaldehyde solution

62608 Formamide PROSYNTH®

Formamide / Formamida

HCONH₂
CH₃NO M = 45,04 g/mol 1 L ≈ 1,13 kg
assay (GC) 99%
boiling range (at 27 mbar) 109—111 °C
refractive index (n_D²⁰) 1,447



R: 36/37/38 S: 28
disposal: 19

FL. 2,5 L 33,25 27,60 25,95 24,9
2925

63488 Formamidine acetate PROSYNTH®

Formamidine acétate / Formamidina acetato

HN = CHNH₂ · CH₃COOH
C₃H₈N₂O₂ M = 104,11 g/mol
assay (ex N) 99%
melting range 161—163 °C

Formdimethylamide see Dimethylformamide

35854 Formetanate hydrochloride min. 99% PESTANAL®




A 6.1/81D (3-Dimethylaminomethyleneiminophenyl-N-methylcarbamate hydrochloride)
C 6.1 / 2 *Formétanate chlorhydrate / Formetanato clorhidrato*



CH = CHCH = C(OCONHCH₃)CH = CN = CHN(CH₃)₂ · HCl
C₁₁H₁₈ClN₃O₂ M = 257,72 g/mol





R: 26/27/28 S: 1-13-45
disposal: 7

FL. 1 g 21,50 18,30 17,20 16,1
2925

e-Number D/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
015	Formic acid 98—100%, R. G., Reag. ACS, Reag. Ph. Eur. I	PF.	500 ml	12,—	10,20	9,60	9,25
021B	<i>Acide formique / Acido fórmico</i>	PF.	1 L	21,50	18,30	17,20	16,55
1779 2	HCOOH	PKM.	70 kg	kg	7,50		
	CH ₂ O ₂ M = 46,03 g/mol 1 L ≈ 1,22 kg	2914					
	assay min. 98%						
	insoluble in water max. 0,0001%						
	non-volatile matter max. 0,002%						
	ammonium (NH ₄) max. 0,005%						
	lead (Pb) max. 0,00001%						
	cadmium (Cd) max. 0,00001%						
	iron (Fe) max. 0,0005%						
	copper (Cu) max. 0,00001%						
	zinc (Zn) max. 0,00001%						
	acetate (CH ₃ COO) max. 0,005%						
	chloride (Cl) max. 0,0005%						
	oxalate (C ₂ O ₄) max. 0,005%						
	sulphate (SO ₄) max. 0,002%						
	sulphite (SO ₃) max. 0,001%						
	 R: 35 S: 2-23-26 disposal: 21						
7001	Formic acid 98—100%, pure DAB 7	PF.	1 L	19,25	16,35	15,40	14,80
8/21B	<i>Acide formique / Acido fórmico</i>	PKM.	70 kg	kg	4,65		
8 1779 2	HCOOH	PKM.	5x	kg	4,45		
	CH ₂ O ₂ M = 46,03 g/mol 1 L ≈ 1,22 kg	PKM.	10x	kg	4,20		
	assay 99%	2914					
	non-volatile matter 0,005%						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,001%						
	acetate (CH ₃ COO) 0,01%						
	chloride (Cl) 0,001%						
	oxalate (C ₂ O ₄) 0,01%						
	sulphate (SO ₄) 0,005%						
	sulphite (SO ₃) 0,01%						
	 R: 35 S: 2-23-26 disposal: 21						
7002	Formic acid abt. 85%, pure	PF.	1 L	15,75	13,40	12,60	12,15
8/21B	<i>Acide formique / Acido fórmico</i>	PF.	2,5 L	32,75	27,20	25,55	24,55
8 1779 2	HCOOH	FPF.	70 kg	kg	4,40		
	CH ₂ O ₂ M = 46,03 g/mol 1 L ≈ 1,20 kg	FPF.	5x	kg	4,20		
	assay 85%	FPF.	10x	kg	3,95		
	non-volatile matter 0,005%	2914					
	iron (Fe) 0,002%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,002%						
	sulphate (SO ₄) 0,005%						
	 R: 34 S: 2-23-26 disposal: 21						
	Formic acid methylamide see N-Methylformamide						
	Formol see Formaldehyde solution						
	2-Formylbenzoic acid see Phthalaldehydic acid						
	Formyldiethylamine see N,N-Diethylformamide						
	1-Formylnaphthalene see Naphthaldehyde-(1)						
	2-Formylnaphthalene see Naphthaldehyde-(2)						
	1-Formylpiperidine see 1-Piperidinecarbaldehyde						
	Fractonitril(II) see Ethylene glycol-bis-(2-cyanoethyl ether)						
	Fractonitril(III) see 1,2,3-Tris-(2-cyanoethoxy)-propane						
	Fractonitril(VI) see 1,2,3,4,5,6-Hexakis-(2-cyanoethoxyhexane)						
89361	D-Fructose BIOSYNTH [®]	PF.	100 g	11,—	9,35	8,80	8,25
	<i>D-Fructose / D-Fructosa</i>	PF.	250 g	23,25	19,75	18,60	17,45
	C ₆ H ₁₂ O ₆ M = 180,16 g/mol	2943					

Code-Number A) RID: ADR B) GGV/GOVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96 (16 Boxes)
15760	○ D(-)-Fructose chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX D(-)-Fructosa / D(-)-Fructosa C ₆ H ₁₂ O ₆ M = 180,16 g/mol	PF. PF. PF. K. 2943	100 g 500 g 2,5 kg 25 kg	9,— 14,25 56,— price on request	7,65 12,10 46,50	7,20 11,40 43,70	6,— 10,— 42,—
39362	D-Fructose-1,6-diphosphoric acid trisodium salt BIOSYNTH® Acide D-fructose-diphosphorique-1-6-, sel trisodique / Acido D-fructosa-1,6-difosfórico, sal trisódica C ₆ H ₁₁ Na ₃ O ₁₂ P ₂ M = 406,06 g/mol	FL. 2919	1 g	17,—	14,45	13,60	12,—
39363	D-Fructose-1-monophosphoric acid barium salt BIOSYNTH® A 6.1/71 Acide D-fructose-1-monophosphorique, sel de baryum / C 6.1 1564 3 Acido D-fructosa-1-monofosfórico, sal de bario C ₆ H ₁₁ BaO ₉ P M = 395,45 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/22 S: 28 disposal: 24	FL. 2919	1 g	25,25	21,45	20,20	18,9
39138	D-Fructose-6-phosphoric acid barium salt BIOSYNTH® A 6.1/71 Acide D-fructose-6-phosphorique sel de baryum / Acido C 6.1 1564 3 D-fructosa-6-fosfórico sal de bario QCOH(CH ₂ OH)CHOHCHOHCHCH ₂ OPO ₃ Ba C ₆ H ₁₁ BaO ₉ P M = 395,45 g/mol assay (ex P) 90% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/22 S: 28 disposal: 24	FL. 2943	1 g	23,75	20,20	19,—	17,8
Fuchsin see Diamond fuchsin							
Fuchsin acid see Rubin S							
Fuchsine phenique see Carbol-fuchsin solution							
Fuchsin S see Rubin S							
32878	Fuchsin solution ethanolic, 2%, for microscopy A 3/5 Fuchsine en solution / Fucsina en solución C 3.2 1142 2 +11°C 1 L ≈ 0,80 kg	FL. 3819	250 ml	13,25	11,25	10,60	9,9
39136	D(+)-Fucose BIOSYNTH® D(+)-Fucose / D(+)-Fucosa CH ₃ CH(CHOH) ₄ O C ₆ H ₁₂ O ₅ M = 164,16 g/mol specific rotation ([α] _D ²⁰ ; c = 10 in H ₂ O) +74° ± 2°	FL. 2943	1 g	62,—	52,70	49,60	46,5
39137	L(-)-Fucose BIOSYNTH® L(-)-Fucose / L(-)-Fucosa CH ₃ CH(CHOH) ₄ O C ₆ H ₁₂ O ₅ M = 164,16 g/mol specific rotation ([α] _D ²⁰ ; c = 10 in H ₂ O) -74° ± 2°	FL. 2943	1 g	93,—	79,05	74,40	69,7
Fullers earth see Kaolin							
62609	Fumaric acid PROSYNTH® Acide fumarique / Acido fumárico HOOCCH=CHCOOH C ₄ H ₄ O ₄ M = 116,07 g/mol assay (alkalimetric) 99%	PF. 2915	1 kg	20,75	17,65	16,60	16,—

1595	Fumaric acid disodium salt PROSYNTH® <i>Acide fumarique sel disodique / Acido fumárico sal disódica</i> $\text{NaOOCCH}=\text{CHCOONa}$ $\text{C}_4\text{H}_2\text{Na}_2\text{O}_4$ $M=160,04$ g/mol assay 99%	WG. WG. 2915	500 g 1 kg	21,50 35,75	18,30 30,40	17,20 28,60	16,55 27,55
1596	Fumaronitrile PROSYNTH® <i>Fumaroyle dinitrile / Acido fumárico dinitrilo</i> $\text{NCCH}=\text{CHCN}$ $\text{C}_4\text{H}_2\text{N}_2$ $M=78,07$ g/mol melting range 93–95 °C	WG. 2927	10 g	12,75	10,85	10,20	9,55
1594	Fumaryl chloride PROSYNTH® <i>Fumaroyle dichlorure / Acido fumárico dicloruro</i> $\text{ClCOCH}=\text{CHCOCl}$ $\text{C}_4\text{H}_2\text{Cl}_2\text{O}_2$ $M=152,96$ g/mol $1\text{ L} \approx 1,41$ kg assay (ex Cl) 97% boiling range (at 15 mbar) 56–58 °C refractive index (n_D^{20}) 1,500	FL. 2915	50 ml	72,50	61,65	58,—	54,40
	 R: 34 S: 26 disposal: 21						
	Fungicides and bactericides see respective article. Complete range see appendix PESTANAL®						
	Furaldehyde see Furfural						
2610	Furan PROSYNTH® stabilized with hydroquinone (0,5 g/l) <i>Furanne / Furano</i> $\text{OCH}=\text{CHCH}=\text{CH}$ $\text{C}_4\text{H}_4\text{O}$ $M=68,08$ g/mol $1\text{ L} \approx 0,94$ kg assay (GC) 99% boiling range 31–33 °C refractive index (n_D^{20}) 1,421	FL. 2935	1 L	34,50	29,35	27,60	26,55
	 R: 11 S: 9-16-33 disposal: 6						
2611	Furan-2-carboxylic acid PROSYNTH® <i>Acide furanne-2-carboxylique / Acido furano-2-carboxílico</i> $\text{OCH}=\text{CHCH}=\text{CCOOH}$ $\text{C}_5\text{H}_4\text{O}_3$ $M=112,08$ g/mol assay (alkalimetric) 98% melting range 130–133 °C	PF. 2935	250 g	85,50	72,70	68,40	64,15
35010	Furan-3-carboxylic acid PROSYNTH® <i>Acide furanne-3-carboxylique / Acido furano-3-carboxílico</i> $\text{CH}=\text{CHOCH}=\text{CCOOH}$ $\text{C}_5\text{H}_4\text{O}_3$ $M=112,08$ g/mol assay (alkalimetric) 98% melting range 120–123 °C	WG. 2935	5 g	27,—	22,95	21,60	20,25
35012	Furan-3,4-dicarboxylic acid PROSYNTH® <i>Acide furanne-3-4-dicarboxylique / Acido furano-3,4-dicarboxílico</i> $\text{HOOCCH}=\text{CHOCH}=\text{CCOOH}$ $\text{C}_6\text{H}_4\text{O}_5$ $M=156,10$ g/mol assay (alkalimetric) 99% melting range 213–215 °C	WG. 2935	10 g	30,75	26,15	24,60	23,05

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

62613 Furanmethanethiol-(2) PROSYNTH®
A 3/3 *Furannemethanethiol-(2) / Furanmetanotiol-(2)*
C 3.3 1993 2 $\text{OCH}=\text{CHCH}=\text{CCH}_2\text{SH}$
 $\text{C}_5\text{H}_6\text{OS}$ $M=114,17$ g/mol 1 L $\approx 1,13$ kg
assay (GC) 99%
boiling range 162–164 °C
refractive index (n_D^{20}) 1,531



R: 10-20/21/22 disposal: 15

FL.
2935

100 ml 39,25 33,35 31,40 29,4

33219 Furfural (Furfurol) R. G., Reag. Ph. Eur. I
A 3/4 *Furfurol / Furfurol*

C 3.3 1199 2 $\text{OCH}=\text{CHCH}=\text{CHO}$
+60 °C $\text{C}_5\text{H}_4\text{O}_2$ $M=96,09$ g/mol 1 L $\approx 1,16$ kg
assay (iodometric) min. 98%
boiling range 161–163 °C
density (D_4^{20}) 1,158–1,160
refractive index (n_D^{20}) 1,5240–1,5260
water max. 0,05%
sulphated ash max. 0,005%



R: 23/25 S: 24/25-44
disposal: 6

FL.
FL.
2935

25 ml 11,— 9,35 8,80 8,25
100 ml 22,— 18,70 17,60 16,50

15517 Furfural (Furfurol) pure
A 3/4 *Furfurol / Furfurol*

C 3.3 1199 2 $\text{OCH}=\text{CHCH}=\text{CHO}$
+60 °C $\text{C}_5\text{H}_4\text{O}_2$ $M=96,09$ g/mol 1 L $\approx 1,16$ kg
boiling range 160–163 °C
density (D_4^{20}) 1,158–1,160
refractive index (n_D^{20}) 1,5240–1,5260
sulphated ash 0,01%



R: 23/25 S: 24/25-44
disposal: 6

FL.
STP.
2935

1 L 35,— 29,75 28,— 26,95
30 kg price on request

64074 Furfuralacetone PROSYNTH®
Furfuralacétone / Furfuralacetona

$\text{OCH}=\text{CHCH}=\text{CCH}=\text{CHCOCH}_3$
 $\text{C}_8\text{H}_8\text{O}_2$ $M=136,15$ g/mol
assay (GC) 99%
melting range 37–39 °C

FL.
2935

5 g 26,25 22,30 21,— 19,70

64075 Furfuramide PROSYNTH®
Furfuramide / Furfuramida

$(\text{OCH}=\text{CHCH}=\text{CCH}=\text{N})_2\text{CHC}=\text{CHCH}=\text{CHO}$
 $\text{C}_{15}\text{H}_{12}\text{N}_2\text{O}_3$ $M=268,27$ g/mol
melting range 115–119 °C

WG.
2935

100 g 45,— 38,25 36,— 33,75

62615 Furfuryl alcohol PROSYNTH®
A 6.1/13A *Alcool furfurylique / Alcohol furfurilico*

C 6.1 2810 3 $\text{OCH}=\text{CHCH}=\text{CCH}_2\text{OH}$
+75 °C $\text{C}_5\text{H}_6\text{O}_2$ $M=98,10$ g/mol 1 L $\approx 1,13$ kg
assay (GC) 98%
boiling range (bei 1000 mbar) 169–170 °C
refractive index (n_D^{20}) 1,486



R: 20/21/22 disposal: 6

FL.
2935

1 L 30,75 26,15 24,60 23,70

62616 2-Furfurylamine PROSYNTH®
A 8/35 *2-Furfurylamine / 2-Furfurilamina*

C 3.3 2526 2 $\text{OCH}=\text{CHCH}=\text{CCH}_2\text{NH}_2$
+37 °C $\text{C}_5\text{H}_7\text{NO}$ $M=97,12$ g/mol 1 L $\approx 1,05$ kg
assay (GC) 97%
boiling range 145–147 °C
refractive index (n_D^{20}) 1,490

FL.
2935

1 L 102,— 86,70 81,60 78,55

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
98	α-Furildioxime R. G. <i>α-Furildioxime / α-Furildioxima</i> $\text{OCH}=\text{CHCH}=\text{C}(\text{NOH})\text{C}(\text{NOH})\text{C}=\text{CHCH}=\text{CHO}$ $\text{C}_{10}\text{H}_8\text{N}_2\text{O}_4$ $M=220,18$ g/mol	FL. 2929	1 g	21,50	18,30	17,20	16,15
	2-Furoic acid see Furan-2-carboxylic acid						
597 3/22 1760 2	2-Furoyl chloride PROSYNTH® <i>Furoyle 2-chlorure / 2-Furoilo cloruro</i> $\text{OCH}=\text{CHCH}=\text{CCl}$ $\text{C}_5\text{H}_3\text{ClO}_2$ $M=130,53$ g/mol $1\text{ L} \approx 1,33$ kg assay (ex Cl) 98% boiling range (at 15 mbar) 67–69 °C	FL. 2935	25 ml	34,50	29,35	27,60	25,90
489	3-(2-Furyl)acrylic acid PROSYNTH® <i>Acide 3-(2-furyl)acrylique / Acido 3-(2-furil)acrilico</i> $\text{OCH}=\text{CHCH}=\text{CHCOOH}$ $\text{C}_7\text{H}_6\text{O}_3$ $M=138,12$ g/mol assay (alkalimetric) 98% melting range 140–141 °C	WG. 2935	25 g	15,50	13,20	12,40	11,65
	1-[Furyl-(2)]butene-(1)-on-(3) see Furfuralacetone						
	Fusion mixture see Potassium carbonate—sodium carbonate						
565	Gadolinium powder <i>Gadolinium / Gadolinio</i> Gd $M=157,25$ g/mol assay 99%	FL. 2805	1 g	32,50	27,65	26,—	24,40
566 5.1 1477 2	Gadolinium nitrate-5-hydrate <i>Gadolinium nitrate-5-hydrate / Gadolinio nitrato-5-hidrato</i> $\text{Gd}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$ $M=433,34$ g/mol	WG. 2852	10 g	47,50	40,40	38,—	35,65
567	Gadolinium oxide <i>Gadolinium oxyde / Gadolinio óxido</i> Gd_2O_3 $M=362,50$ g/mol assay 99%	WG. 2852	10 g	34,50	29,35	27,60	25,90
9139	D-Galactosamine hydrochloride BIOSYNTH® <i>D-Galactosamine chlorhydrate / D-Galactosamina clorhidrato</i> $\text{HOCH}_2\text{CH}(\text{CHOH})_2\text{CH}(\text{NH}_2)\text{CH}(\text{OH})\text{O} \cdot \text{HCl}$ $\text{C}_6\text{H}_{14}\text{ClNO}_5$ $M=215,63$ g/mol specific rotation ($[\alpha]_D^{20}$; c=1 in H_2O) +96° ± 1°	FL. 2923	1 g	95,—	80,75	76,—	71,25
9364	D(+)-Galactose BIOSYNTH® <i>D(+)-Galactose / D(+)-Galactosa</i> $\text{O}(\text{CHOH})_4\text{CHCH}_2\text{OH}$ $\text{C}_6\text{H}_{12}\text{O}_6$ $M=180,16$ g/mol	PF. 2943	25 g	22,—	18,70	17,60	16,50
5522	D(+)-Galactose chem. pure <i>D(+)-Galactose / D(+)-Galactosa</i> $\text{O}(\text{CHOH})_4\text{CHCH}_2\text{OH}$ $\text{C}_6\text{H}_{12}\text{O}_6$ $M=180,16$ g/mol specific rotation ($[\alpha]_D^{20}$, c=10 in H_2O + 0,2 ml 3N NH_4OH) .. + 79° to + 81,3° loss on drying (105 °C) 0,01 % sulphated ash 0,05 % calcium (Ca) 0,002 % heavy metals (as Pb) 0,0005 % chloride (Cl) 0,005 % sulphate (SO_4) 0,01 %	PF. PF. PF. FTP. 2943	100 g 250 g 1 kg 25 kg	24,— 52,50 172,— price on request	20,40 44,65 146,20	19,20 42,— 137,60	18,— 39,40 132,45

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Type of package
B.T.N.

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package DM


1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(128 Boxes)

39143	D(+) -Galacturonic acid monohydrate BIOSYNTH® <i>Acide D(+)-galacturonique monohydraté / Acido D(+)-galacturónico monohidrato</i> $\text{HOOCCH}(\text{CHOH})_4\text{O} \cdot \text{H}_2\text{O}$ $\text{C}_6\text{H}_{10}\text{O}_7 \cdot \text{H}_2\text{O}$ $M = 212,16 \text{ g/mol}$	WG. 2916	5 g	35,75	30,40	28,60	26,8
27645	Gallic acid chem. pure cryst. DAB 6 <i>Acide gallique / Acido gálico</i> $(\text{OH})_3\text{C}_6\text{H}_2\text{COOH}(3,4,5,1)$ $\text{C}_7\text{H}_6\text{O}_5 \cdot \text{H}_2\text{O}$ $M = 188,14 \text{ g/mol}$ loss on drying (100 °C) 10% residue on ignition 0,05% chloride (Cl) 0,005% sulphate (SO ₄) 0,01% tannic acid passes test	WG. WG. FTP. 2916	250 g 500 g 50 kg	20,— 36,25 kg	17,— 30,80 31,—	16,— 29,—	15,— 27,9
10423 C 6.1 2811 3	Gallium <i>Gallium / Galio</i> Ga $M = 69,72 \text{ g/mol}$ assay 99%	WG. 8104	10 g	209,—	177,65	167,20	156,7
10424 A 6.1/81H C 6.1 2811 2	Gallium(III) chloride <i>Gallium(III) chlorure / Galio(III) cloruro</i> GaCl_3 $M = 176,08 \text{ g/mol}$ assay 99%	FL. 2830	10 g	178,—	151,30	142,40	133,5
10426 C 5.1 1477 2	Gallium(III) nitrate-9-hydrate <i>Gallium(III) nitrate-9-hydrate / Galio(III) nitrato-9-hidrato</i> $\text{Ga}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 417,87 \text{ g/mol}$ assay 99%	WG. 2839	10 g	149,50	127,10	119,60	112,1
10427	Gallium(III) oxide <i>Gallium(III) oxyde / Galio(III) óxido</i> Ga_2O_3 $M = 187,44 \text{ g/mol}$ assay 99%	WG. 2828	10 g	178,—	151,30	142,40	133,5
39552	Gas-Chrom® Q 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Gas-Chrom® Q / Gas-Chrom® Q</i>	WG. 3819	50 g	160,—	136,—	128,—	120,—
39551	Gas-Chrom® Q 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography <i>Gas-Chrom® Q / Gas-Chrom® Q</i>	WG. 3819	50 g	160,—	136,—	128,—	120,—
39550	Gas-Chrom® Q 0,180—0,250 mm (60—80 mesh ASTM) for gas chromatography <i>Gas-Chrom® Q / Gas-Chrom® Q</i>	WG. 3819	50 g	137,50	116,90	110,—	103,15
33223	Gelatine sheet Ia for bacteriology, Reag. Ph. Eur. I <i>Gélatine / Gelatina</i> loss on drying (105 °C) max. 15% sulphated ash max. 2,5% heavy metals (as Pb) max. 0,005% sulphur dioxide (SO ₂) max. 0,05%	P. 3503	1 kg	79,50	67,60	63,60	61,20
18808	Gelatine sheet white superfine "Gold extra" DAB 8 <i>Gélatine / Gelatina</i>	P. 3503	1 kg	71,—	60,35	56,80	54,65
18807	Gelatine powder "Gold normal" <i>Gélatine / Gelatina</i>	PF. PF. S. 3503	500 g 2,5 kg 50 kg	21,50 77,50 kg	18,30 64,35 16,—	17,20 60,45	16,55 58,15
20817	GELETOL® (Formaldehyde gelatine) (hardened gelatine for the quicker disintegration of tablets) Gelose see Agar-Agar	3904					

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Genamin® see -Octylamine, Hexadecylamine, Dodecylamine, Octadecylamine Genamin® = trade marke of Hoechst AG		PF. FTP.	1 kg 50 kg	101,50 price on request	86,30	81,20	78,15
810 1/23 1 1615 3	Genite min. 99% PESTANAL® (2,4-Dichlorophenylbenzenesulfonate) $C_6H_5S(O)_2OC_6H_3Cl_2$ $C_{12}H_8Cl_2O_3S$ $M = 303,16$ g/mol	FL. 2921	1 g	28,25	24,—	22,60	21,20
574	Gentian violet for microscopy (C. I. No. 42535, S. No. 783) <i>Violet de gentiane / Violeta de genciana</i> Gentian violet phenique see Carbol gentian-violet solution	WG. WG. WG. 3205	50 g 100 g 250 g	10,50 18,75 42,25	8,95 15,95 35,90	8,40 15,— 33,80	7,90 14,05 31,70
145	β - Gentiobiose BIOSYNTH® β - <i>Gentiobiose / β-Gentiobiosa</i> package of 250 mg $C_{12}H_{22}O_{11}$ $M = 342,30$ g/mol	2943	1 pack	24,—	20,40	19,20	18,—
Gentisinic acid see 2,5-Dihydroxybenzoic acid							
191	Geraniol PROSYNTH® <i>Géraniol / Geraniol</i> $(CH_3)_2C = CHCH_2CH_2C(CH_3) = CHCH_2OH$ $C_{10}H_{18}O$ $M = 154,25$ g/mol $1 L \approx 0,88$ kg assay (GC) 98% boiling range (at 24 mbar) 119—121 °C refractive index 1,477	FL. 2904	100 ml	24,75	21,05	19,80	18,55
Gerber see Amyl alcohol for milk testing according to Gerber							
428	Germanium <i>Germanium / Germanio</i> Ge $M = 72,59$ g/mol assay 99%	WG. 8104	10 g	61,50	52,30	49,20	46,15
518 /12 1 1759 2	Germanium(IV) chloride PROSYNTH® <i>Germanium(IV) chlorure / Germanio(IV) cloruro</i> $GeCl_4$ $M = 214,40$ g/mol $1 L \approx 1,88$ kg assay (ex Cl) 99% boiling range 82—84 °C  R: 36/37/38 S: 26 disposal: 24	FL. 2830	25 g	100,50	85,45	80,40	75,40
429	Germanium(IV) oxide <i>Germanium(IV) oxyde / Germanio(IV) óxido</i> GeO_2 $M = 104,59$ g/mol assay 99%	WG. 2828	10 g	43,75	37,20	35,—	32,80
492	Gibberellic acid PROSYNTH® <i>Acide gibbérellique / Acido giberélico</i> $C_{19}H_{22}O_6$ $M = 346,38$ g/mol assay (alkalimetric) 95% melting range 233—235 °C spec. rotation ($[\alpha]_D^{20}$ c=2,1 in C_2H_5OH) +83° ± 3°	FL. 2935	1 g	65,50	55,70	52,40	49,15
Giemsa see Azur eosin methylene-blue according to Giemsa							
619	Girard's reagent T PROSYNTH® <i>Réactif T d'après Girard / Reactivo T según Girard</i> $(CH_3)_3N(Cl)CH_2CONHNH_2$ $C_5H_{14}ClN_3O$ $M = 167,64$ g/mol assay (argentometric) 99% melting range 187—190 °C	WG. 2929	100 g	29,—	24,65	23,20	21,75

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(1 Box)

(4 Boxes)

(16 Boxes)

18406	Glass beads diameter abt. 5 mm <i>Boules de verre / Bolas de vidrio</i>	PF. 7003	500 g	15,—	12,75	12,—	11,5
	Glass etching powder see Etching powder						
18421	Glass wool <i>Coton de verre / Lana de vidrio</i>	7020	1 pack	22,75	19,35	18,20	17,0
	carton of 500 g						
	soluble in hydrochloric acid 0,8%						
	alkalinity (as Na ₂ O) 0,1%						
	heavy metals (as Pb) 0,001%						
18422	Glass wool <i>Coton de verre / Lana de vidrio</i>	7020	1 pack	41,50	35,30	33,20	31,1
	carton of 1 kg						
	soluble in hydrochloric acid 0,8%						
	alkalinity (as Na ₂ O) 0,1%						
	heavy metals (as Pb) 0,001%						
18423	Glass wool <i>Coton de verre / Lana de vidrio</i>	7020	1 pack	163,—	138,55	130,40	122,2
	carton of 5 kg						
	soluble in hydrochloric acid 0,8%						
	alkalinity (as Na ₂ O) 0,1%						
	heavy metals (as Pb) 0,001%						
	Glauber salt see Sodium sulphate-10-hydrate						
39141	D(+)-Gluconic acid- δ -lactone BIOSYNTH® <i>Acide D(+)-gluconique-δ-lactone / Acido D(+)-glucónico-δ-lactona</i> <chem>HOCH2CH(CHOH)3COO</chem> <chem>C6H10O6</chem> <i>M</i> = 178,14 g/mol melting range 153—155 °C specific rotation ([α] _D ²⁰ ; c = 4 in H ₂ O) +64° ± 1°	PF. 2935	500 g	22,—	18,70	17,60	16,9
64784	Gluconic acid potassium salt PROSYNTH® <i>Acide gluconique sel potassique / Acido glucónico sal potásica</i> <chem>CH2OH(CHOH)4COOK</chem> <chem>C6H11KO7</chem> <i>M</i> = 234,25 g/mol assay 98%	WG. 2916	500 g	54,—	45,90	43,20	41,6
62620	Gluconic acid sodium salt PROSYNTH® <i>Acide gluconique sel sodique / Acido glucónico sal sódica</i> <chem>CH2OH(CHOH)4COONa</chem> <chem>C6H11NaO7</chem> <i>M</i> = 218,14 g/mol assay 98%	PF. 2916	1 kg	22,75	19,35	18,20	17,5
39144	α -D(+)-Glucosamine hydrochloride BIOSYNTH® <i>α-D(+)-Glucosamine chlorhydrate / α-D(+)-Glucosamina clorhidrato</i> <chem>HOCH2CH(CHOH)2CH(NH2)CH(OH)O · HCl</chem> <chem>C6H14ClNO5</chem> <i>M</i> = 215,63 g/mol assay (ex Cl) 99% specific rotation ([α] _D ²⁰ ; c = 1 in H ₂ O) +71° ± 2°	PF. 2943	100 g	40,75	34,65	32,60	30,55

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301	D(+)-Glucose monohydrate pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>D(+)-Glucose monohydraté / D(+)-Glucosa monohidrato</i> $\text{O}(\text{CHOH})_4\text{CHCH}_2\text{OH} \cdot \text{H}_2\text{O}$ $\text{C}_6\text{H}_{12}\text{O}_6 \cdot \text{H}_2\text{O}$ $M = 198,17 \text{ g/mol}$ specific rotation $([\alpha]_D^{20})$ $c = 10 \text{ in H}_2\text{O} + 0,05 \text{ ml } 6\text{N NH}_4\text{OH}$ + 52,5° to + 53,0° water (according to Karl Fischer) 9% sulphated ash 0,05% alkalinely or acidly reacting impurities passes test arsenic (As) 0,00005% barium (Ba) passes test lead (Pb) 0,00003% calcium (Ca) 0,002% heavy metals (as Pb) 0,0005% chloride (Cl) 0,005% sulphate (SO ₄) 0,01% sulphite (SO ₃) passes test foreign sugars, soluble starch, dextrans passes test	PF. PF. S. FTP. 1702	1 kg 5 kg 50 kg 50 kg	12,75 41,50 price on request price on request	10,85 34,45	10,20 32,35	9,80 31,15
9147 6.1/71 6.1 1564 3	D-Glucose-6-phosphoric acid barium salt BIOSYNTH® <i>Acide D-glucose-6-phosphorique sel de baryum / Acido</i> <i>D-glucosa-6-fosfórico sal de bario</i> $\text{BaO}_3\text{POCH}_2\text{CH}(\text{CHOH})_4\text{O} \cdot 7\text{H}_2\text{O}$ $\text{C}_6\text{H}_{11}\text{BaO}_9\text{P} \cdot 7\text{H}_2\text{O}$ $M = 521,56 \text{ g/mol}$ assay (ex P) 98% specific rotation $([\alpha]_D^{20}; c=5 \text{ in HCl } 1 \text{ mol/l})$ + 21° ± 1° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">X</div> <div> R: 20/22 S: 28 disposal: 24 </div> </div>	FL. 2943	1 g	37,75	32,10	30,20	28,30
9146	D-Glucose-1-phosphoric acid disodium salt BIOSYNTH® <i>Acide D-glucose-1-phosphorique sel disodique / Acido</i> <i>D-glucosa-1-fosfórico sal disódica</i> $\text{HOCH}_2\text{CH}(\text{CHOH})_3\text{CH}(\text{OPO}_3\text{Na}_2)\text{O}$ $\text{C}_6\text{H}_{11}\text{Na}_2\text{O}_9\text{P} \cdot 4\text{H}_2\text{O}$ $M = 376,16 \text{ g/mol}$ assay (ex P) 96% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2919	10 g	34,50	29,35	27,60	25,90
9140	D(+)-Glucuronic acid-γ-lactone BIOSYNTH® <i>Acide D(+)-glucuronique-γ-lactone / Acido D(+)-</i> <i>glucurónico-γ-lactona</i> $\text{OHCCH}(\text{OH})\text{CH}(\text{CHOH})_2\text{COO}$ $\text{C}_6\text{H}_8\text{O}_6$ $M = 176,13 \text{ g/mol}$ melting range 176–180 °C specific rotation $([\alpha]_D^{20}; c=10 \text{ in H}_2\text{O})$ + 18° ± 1°	PF. 2935	25 g	20,50	17,45	16,40	15,40
9012	D(-)-Glutamic acid BIOSYNTH® <i>Acide D(-)-glutamique / Acido D(-)-glutámico</i> $\text{HOOCCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_5\text{H}_9\text{NO}_4$ $M = 147,13 \text{ g/mol}$ assay (ex N) 99% specific rotation $([\alpha]_D^{20}; c=10 \text{ in HCl } 2 \text{ mol/l})$ - 31° ± 1°	WG. 2923	25 g	212,—	180,20	169,60	159,—
9191	DL-Glutamic acid BIOSYNTH® <i>Acide DL-glutamique / Acido DL-glutámico</i> $\text{HOOCCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_5\text{H}_9\text{NO}_4$ $M = 147,13 \text{ g/mol}$ assay (ex N) 98%	WG. 2923	25 g	24,75	21,05	19,80	18,55
9367	L(+)-Glutamic acid BIOSYNTH® <i>Acide L(+)-glutamique / Acido L(+)-glutámico</i> $\text{HOOC}(\text{CH}_2)_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_5\text{H}_9\text{NO}_4$ $M = 147,13 \text{ g/mol}$	WG. WG. WG. 2923	100 g 250 g 1 kg	14,50 32,75 109,—	12,35 27,85 92,65	11,60 26,20 87,20	10,90 24,55 83,95

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Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

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27647	L(+)-Glutamic acid <i>Acide L(+)-glutamique / Acido L(+)-glutámico</i> <chem>HOOC(CH2)2CH(NH2)COOH</chem> <chem>C5H9NO4</chem> $M = 147,13$ g/mol assay 99% specific rotation ([α] _D ²⁰ , c = 10 in 1 N HCl) +31° ± 1° loss on drying (105 °C) 0,2%	PF. PF. 2923	250 g 1 kg	14,50 43,—	12,35 36,55	11,60 34,40	10,9 33,1
39013	L(+)-Glutamic acid hydrochloride BIOSYNTH® <i>Acide L(+)-glutamique chlorhydrate / Acido L(+)-glutámico clorhidrato</i> <chem>HOOCCH2CH2CH(NH2)COOH · HCl</chem> <chem>C5H10ClNO4</chem> $M = 183,59$ g/mol assay (ex N) 99% specific rotation ([α] _D ²⁰ ; c = 6 in H2O) +24° ± 1° Glutamic acid, sodium salt see Sodium-L-glutamate	PF. 2923	250 g	32,—	27,20	25,60	24,—
15568	Glutardialdehyde disodium hydrogen sulphite <i>Dialdéhyde glutarique disodium hydrogénosulfite / Glutardialdehido disodio hidrógeno-sulfito</i> <chem>CH2[CH2CH(OH)SO3Na]2</chem> <chem>C5H10Na2O8S2</chem> $M = 308,24$ g/mol	PF. 2923	1 g	price on request			
60487	Glutardialdehyde solution 50% PROSYNTH® <i>Dialdéhyde glutarique en solution / Glutardialdehido en solución</i> <chem>OHC(CH2)3CHO</chem> <chem>C5H8O2</chem> $M = 100,12$ g/mol 1 L ≈ 1,09 kg assay 50%	PF. 2911	1 L	43,25	36,75	34,60	33,30
62621	Glutardialdehyde solution PROSYNTH® 25% in water. <i>Dialdéhyde glutarique en solution / Glutardialdehido en solución</i> <chem>OCH(CH2)3CHO</chem> <chem>C5H8O2</chem> $M = 100,12$ g/mol 1 L ≈ 1,06 kg assay 25%	PF. 2911	1 L	24,—	20,40	19,20	18,50
64604	Glutaric acid PROSYNTH® <i>Acide glutarique / Acido glutárico</i> <chem>HOOC(CH2)3COOH</chem> <chem>C5H8O4</chem> $M = 132,12$ g/mol assay (alkalimetric) 99% melting range 94—96 °C	WG. 2915	100 g	26,50	22,55	21,20	19,90
64605	Glutaric anhydride PROSYNTH® <i>Anhydride glutarique / Anhidrido glutárico</i> <chem>O=C(CH2)3COO</chem> <chem>C5H6O3</chem> $M = 114,10$ g/mol assay 96% melting range 50—53 °C	WG. WG. 2915	250 g 1 kg	30,75 102,—	26,15 86,70	24,60 81,60	23,05 78,55
62624 A 6.1/21 C 6.1 1935 1	Glutarodinitrile PROSYNTH® <i>Glutarodinitrile / Glutarodinitrilo</i> <chem>NC(CH2)3CN</chem> <chem>C5H6N2</chem> $M = 94,12$ g/mol 1 L ≈ 1,00 kg assay (GC) 97%	FL. 2927	100 ml	74,50	63,35	59,60	55,90
39084	L-Glutathione BIOSYNTH® (oxidised) <i>L-Glutathione / L-Glutatión</i> <chem>C20H32N6O12S2</chem> $M = 612,64$ g/mol	FL. 2931	1 g	93,—	79,05	74,40	69,75
39085	L-Glutathione BIOSYNTH® (reduced) <i>L-Glutathione / L-Glutatión</i> <chem>C10H17N3O6S</chem> $M = 307,33$ g/mol	FL. 2931	1 g	14,50	12,35	11,60	10,90

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90	L(-)-Glyceraldehyde BIOSYNTH® <i>L(-)-Glycérol aldéhyde / L(-)-Glicerina aldehydo</i> HOCH ₂ CH(OH)CHO C ₃ H ₆ O ₃ M = 90,08 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2911	1 g	62,50	53,15	50,—	46,90
93	D(+)-Glyceraldehyde PROSYNTH® (90% aqueous solution) <i>D(+)-Glycérol aldéhyde / D(+)-Glicerina aldehydo</i> HOCH ₂ CH(OH)CHO C ₃ H ₆ O ₃ M = 90,08 g/mol assay 90% spec. rotation ([α] _D ²⁰ , c=2 in H ₂ O) +12° ± 2°	FL. 2911	1 g	53,50	45,50	42,80	40,15
70	DL-Glyceraldehyde BIOSYNTH® <i>DL-Glycérol aldehyde / DL-Glicerina aldehydo</i> HOCH ₂ CH(OH)CHO C ₃ H ₆ O ₃ M = 90,08 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2911	5 g	35,50	30,20	28,40	26,65
23	○ Glycerol 98%, chem. pure, Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Glycérol / Glicerina</i> (CH ₂ OH) ₂ CHOH C ₃ H ₈ O ₃ M = 92,09 g/mol 1 L ≈ 1,26 kg assay 98% density (D ₂₀ ²⁰) 1,258—1,263 refractive index (n _D ²⁰) 1,4700—1,4740 sulphated ash 0,01% acidly or alkalinely reacting impurities passes test arsenic (As) 0,00005% iron (Fe) 0,0001% heavy metals (as Pb) 0,0001% chloride (Cl) 0,0005% sulphate (SO ₄) 0,005% ester passes test halogen compounds passes test reducing impurities passes test sugar passes test	PF. PK. F. F. F. 1511	1 L 5 L 70 kg 5x 70x	38,25 163,— kg kg kg	32,50 135,30 9,15 8,65 8,15	30,60 127,15	29,45 122,25
24	Glycerol 86—88%, R. G., Reag. Ph. Eur. I <i>Glycérol / Glicerina</i> (CH ₂ OH) ₂ CHOH C ₃ H ₈ O ₃ M = 92,09 g/mol 1 L ≈ 1,23 kg assay 86—88% density (D ₂₀ ²⁰) 1,224—1,230 refractive index (n _D ²⁰) 1,4520—1,4550 sulphated ash max. 0,01% free acid (as CH ₃ COOH) max. 0,003% ammonium (NH ₄) max. 0,0005% iron (Fe) max. 0,00005% heavy metals (as Pb) max. 0,0001% chloride (Cl) max. 0,0001% sulphate (SO ₄) max. 0,0005% arsenic (As) max. 0,00004% fatty acid ester (as glycerol tributyrat) max. 0,05% other organic matters (as CH ₂ =CHCHO) max. 0,005% matters reducing ammoniated silver solution (as CH ₂ =CHCHO) max. 0,005%	PF. PF. PK. FPF. 1511	500 ml 1 L 5 L 70 kg	26,— 44,— 187,— kg	22,10 37,40 155,20 15,25	20,80 34,30 145,85	20,— 32,55 140,25

Code-Number
A) R10/ADR
B) GGVe/GGVs
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(64 Boxes)

15524 ○ Glycerol 86—88%, chem. pure Ph. Eur. I

Glycérol / Glicerina

$(\text{CH}_2\text{OH})_2\text{CHOH}$

$\text{C}_3\text{H}_8\text{O}_3$ $M = 92,09$ g/mol

1 L \approx 1,23 kg

assay 86—88%

density (D_{20}^{20}) 1,224—1,230

refractive index (n_D^{20}) 1,4520—1,4550

sulphated ash 0,01%

acidly or alkalinely reacting

impurities passes test

arsenic (As) 0,00005%

iron (Fe) 0,0001%

heavy metals (as Pb) 0,0001%

chloride (Cl) 0,0005%

sulphate (SO_4) 0,005%

ester passes test

halogen compounds passes test

reducing impurities passes test

sugar passes test

Glycerol diacetate see Diacetin

Glycerol- α -(2-methoxyphenol)-ether see Guaiacolglycerol ether

63494 Glycerol-1-monoacetate PROSYNTH®

Glycérol-1-monoacétate / Glicerina-1-monoacetato

$\text{CH}_3\text{COOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$

$\text{C}_5\text{H}_{10}\text{O}_4$ $M = 134,13$ g/mol

1 L \approx 1,21 kg

Glycerol- α -monochlorhydrin see 3-Chloropropanediol-(1,2)

Glycerol-1-octadecyl ether see Batyl alcohol

39371 Glycerol triacetate BIOSYNTH®

Glycérol triacétate / Glicerina triacetato

$\text{CH}_3\text{COOCH}_2\text{CH}(\text{OCOCH}_3)\text{CH}_2\text{OCOCH}_3$

$\text{C}_9\text{H}_{14}\text{O}_6$ $M = 218,21$ g/mol

1 L \approx 1,16 kg

Glycerol tributyrate see Tributyrin

39108 Glycinamide hydrochloride BIOSYNTH®

Glycinamide chlorhydrate / Glicinamida clorhidrato

$\text{NH}_2\text{CH}_2\text{CONH}_2 \cdot \text{HCl}$

$\text{C}_2\text{H}_7\text{ClN}_2\text{O}$ $M = 110,54$ g/mol

assay (ex N) 99%

33226 Glycine R. G., buffer substance

Glycine / Glicina

$\text{NH}_2\text{CH}_2\text{COOH}$

$\text{C}_2\text{H}_5\text{NO}_2$ $M = 75,07$ g/mol

assay min. 99%

melting range 235—245 °C

sulphated ash max. 0,05%

ammonium (NH_4) max. 0,02%

iron (Fe) max. 0,0005%

heavy metals (as Pb) max. 0,001%

chloride (Cl) max. 0,0005%

sulphate (SO_4) max. 0,002%

water (according to Karl Fischer) max. 0,2%

60172 Glycine PROSYNTH® (aminoacetic acid)

Glycine / Glicina

$\text{NH}_2\text{CH}_2\text{COOH}$

$\text{C}_2\text{H}_5\text{NO}_2$ $M = 75,07$ g/mol

assay 99%

PF.

PK.

F.

F.

F.

1511

FL.

2914

FL.

FL.

2914

WG.

2923

PF.

PF.

PF.

2923

PF.

PF.

2923

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
527	Glycine U. S. P. XIX <i>Glycine / Glicina</i> <chem>NH2CH2COOH</chem> <chem>C2H5NO2</chem> M = 75,07 g/mol assay (dried substance) 99% melting range 235—245 °C water (according to Karl Fischer) 0,1% sulphated ash 0,05% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO4) 0,005%	PF. PF. PF. FTP. FTP. 2923	500 g 1 kg 2,5 kg 25 kg 50 kg	16,— 28,75 60,— price on request price on request	13,60 24,45 49,80	12,80 23,— 46,80	12,30 22,15 45,—
927	Glycine cresol red indicator for complexometry <i>Rouge de glycine crésol / Rojo de glicina cresol</i> <chem>C27H27N2NaO9S</chem> M = 578,57 g/mol Glycocoll see Glycine	FL. 3205	1 g	32,25	27,40	25,80	24,20
142	Glycogen BIOSYNTH® (out of oysters) <i>Glycogène / Glicógeno</i> residue on ignition 2% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera Glycol see Ethylene glycol	FL. 2943	1 g	10,50	8,95	8,40	7,90
345	Glycolaldehyde dimer PROSYNTH® <i>Aldéhyde glycolique / Glicol aldehído</i> <chem>HOCH2CHO</chem> <chem>C2H4O2</chem> M = 60,05 g/mol assay 99% melting range 85—88 °C	FL. 2911	1 g	42,—	35,70	33,60	31,50
674	Glycollic acid about 57% <i>Acide glycolique / Acido glicólico</i> <chem>CH2(OH)COOH</chem> <chem>C2H4O3</chem> M = 76,05 g/mol 1 L ≈ 1,33 kg total acid 56—58% free acid 52—54% sodium chloride (NaCl) 12—14% heavy metals (as Pb) 0,001% sulphate (SO4) 0,005%	PF. PF. FPF. 2916	1 L 2,5 L 35 kg	18,— 38,25 price on request	15,30 31,75	14,40 29,85	13,85 28,70
109	Glycol monophenyl ether see 2-Phenoxyethanol Glycylglycine BIOSYNTH® <i>Glycylglycine / Glicilglicina</i> <chem>NH2CH2CONHCH2COOH</chem> <chem>C4H8N2O3</chem> M = 132,12 g/mol assay (ex N) 99%	WG. 2923	10 g	22,75	19,35	18,20	17,05
255	Glyoxal-bis-(2-hydroxyanil) R. G. <i>Glyoxal-bis-(2-hydroxyanil) / Glioxal-bis-(2-hidroxianil)</i> <chem>HOC6H4NCHCHNC6H4OH</chem> <chem>C14H12N2O2</chem> M = 240,26 g/mol assay (ex N) min. 97% melting range 198—200 °C sulphated ash max. 0,1% suitability for determination of metals passes test	WG. 2926	25 g	27,25	23,15	21,80	20,45
520	Glyoxaline see Imidazole Glyoxal solution abt. 40% <i>Glyoxal en solution / Glioxal en solución</i> <chem>OHCCHO</chem> <chem>C2H2O2</chem> M = 58,04 g/mol 1 L ≈ 1,27 kg assay 40% density (D ₄ ²⁰) 1,268—1,273	PF. PK. FPF. 2911	1 L 5 L 70 kg	18,— 68,— price on request	15,30 56,45	14,40 53,05	13,85 51,—

R: 36/38 S: 26-28
disposal: 14



R: 36/38 S: 26-28
disposal: 14

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24x
(4 Boxes)

96x
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
15519	Glyoxal solution abt. 30% <i>Glyoxal en solution / Glioxal en solución</i> OHCCHO C ₂ H ₂ O ₂ M = 58,04 g/mol 1 L ≈ 1,20 kg assay 30% density (D ₄ ²⁰) 1,195–1,200  R: 36/38 S: 26-28 disposal: 14	PF. PK. 2911	1 L 5 L	19,75 74,—	16,80 61,40	15,80 57,70	15,20 55,50
63495	Glyoxylic acid monohydrate PROSYNTH® <i>Acide glyoxylique monohydraté / Acido glioxílico monohidrato</i> OHCCOOH · H ₂ O C ₂ H ₂ O ₃ · H ₂ O M = 92,05 g/mol assay (alkalimetric) 98% melting range 49–52 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2916	100 g	27,—	22,95	21,60	20,25
15580	Glyoxylic acid solution abt. 50% <i>Acide glyoxylique en solution / Acido glioxílico en solución</i> OHCCOOH C ₂ H ₂ O ₃ M = 74,04 g/mol 1 L ≈ 1,42 kg	PF. FPF. 2916	1 L 70 kg	40,25 price on request	34,20	32,20	31,—
39467	Glyoxylic acid sodium salt BIOSYNTH® <i>Acide glyoxylique, sel sodique / Acido glioxílico, sal sódica</i> OHCCOONa · H ₂ O C ₂ HNaO ₃ · H ₂ O M = 114,03 g/mol	WG. 2916	10 g	17,—	14,45	13,60	12,75
38625	0,100 g Gold FIXANAL® water-soluble standard for atom absorption <i>0,100 g Or / 0,100 g Oro</i> ampoule	3819	1 pack	price on request			
38561	1,00 g Gold FIXANAL® watersoluble standard for atom absorption <i>1,00 g Or / 1,00 g Oro</i> ampoule	3819	1 pack	price on request			
	Gold chloride see Chloroauric acid						
	Graham salt see Sodium hexametaphosphate						
	Gram's solution see Carbol gentian-violet solution according to Gram						
15553	Graphite fine powder <i>Graphite / Grafito</i>	BL. 2504	1 kg	15,50	13,20	12,40	11,95
	Grenacher's solution see Borax carmin solution according to Grenacher						
	Grignard' reagent see Magnesium turnings according to Grignard						
	Growth-promoting or controlling substance see appendix PESTANAL®						
23204	Guaiacol congealing point 27 °C and higher <i>Gaiacol / Guayacol</i> C ₈ H ₄ (OH)(OCH ₃) C ₇ H ₈ O ₂ M = 124,14 g/mol 1 L ≈ 1,13 kg	FL. 2908	1 L	59,50	50,60	47,60	45,80
15170	Guaiazulene 100% pure cryst. <i>Gaiazulène / Guayazulen</i> C ₁₅ H ₁₈ M = 198,31 g/mol congealing point 29,6 °C	ALU. ALU. AL. 2901	50 g 100 g 1 kg	38,75 75,— price on request	32,95 63,75	31,— 60,—	29,05 56,25

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171	Guaiazulene 50% (dissolved in paraffin viscid) <i>Gaiazulène / Guayazulen</i> $C_{15}H_{18}$ $M = 198,31$ g/mol	ALU. ALU. AL. 3819	100 g 500 g 1 kg price on request	41,50 175,—	35,30 148,75	33,20 140,—	31,15 134,75
172	Guaiazulene 25% soluble in water (dissolved in Cremophor® EL) <i>Gaiazulène / Guayazulen</i> ® = trade mark of BASF $C_{15}H_{18}$ $M = 198,31$ g/mol	ALU. ALU. AL. 3819	100 g 500 g 1 kg price on request	24,— 96,—	20,40 81,60	19,20 76,80	18,— 73,90
5182	Guaiazulene 25% powder (on Aerosil®) <i>Gaiazulène / Guayazulen</i>	FT. 2901	500 g	175,—	148,75	140,—	134,75
0331	Guanidinium carbonate PROSYNTH® <i>Guanidinium carbonate / Guanidinio carbonato</i> $[(NH_2)_2C=NH]_2 \cdot H_2CO_3$ $C_3H_{12}N_6O_3$ $M = 180,17$ g/mol assay (ex N) 98% melting range 196—198 °C (disint.)	PF. PF. 2926	250 g 1 kg	13,25 38,25	11,25 32,50	10,60 30,60	9,95 29,45
0332	Guanidinium chloride PROSYNTH® containing 0,3% anti-caking agent on SiO₂-basis <i>Guanidinium chlorure / Guanidinio cloruro</i> $(NH_2)_2C=NH \cdot HCl$ CH_6ClN_3 $M = 95,53$ g/mol assay 99% melting range 181—183 °C	PF. PF. 2926	250 g 1 kg	10,— 26,25	8,50 22,30	8,— 21,—	7,50 20,20
0333 9 1467 3	Guanidinium nitrate PROSYNTH® <i>Guanidinium nitrate / Guanidinio nitrato</i> $(NH_2)_2C=NH \cdot HNO_3$ $CH_6N_4O_3$ $M = 122,08$ g/mol assay 99% melting range 210—214 °C	PF. PF. 2926	250 g 1 kg	8,25 19,—	7,— 16,15	6,60 15,20	6,20 14,65
39177	Guanine BIOSYNTH® <i>Guanine / Guanina</i> $C_5H_5N_5O$ $M = 151,13$ g/mol assay (UV) 99% log ϵ_{248} (HCl 0,1 mol/l) 4,056	WG. 2935	10 g	24,—	20,40	19,20	18,—
39178	Guanine hydrochloride BIOSYNTH® <i>Guanine chlorhydrate / Guanina clorhidrato</i> $C_5H_6ClN_5O$ $M = 187,59$ g/mol assay (ex Cl) 99%	WG. 2935	10 g	56,—	47,60	44,80	42,—
39230	Guanosine BIOSYNTH® <i>Guanosine / Guanosina</i> $C_{10}H_{13}N_5O_5$ $M = 283,24$ g/mol	WG. 2935	10 g	13,—	11,05	10,40	9,75
39375	Guanosine-5'-diphosphoric acid trisodium salt BIOSYNTH® <i>Acide guanosinediphosphorique-5', sel trisodique / Acido guanosin-5'-difosfórico, sal trisódica</i> package of 25 mg $C_{10}H_{12}N_5Na_3O_{11}P_2$ $M = 509,15$ g/mol	2919	1 pack	76,50	65,05	61,20	57,40
39376	Guanosine-5'-monophosphoric acid disodium salt BIOSYNTH® <i>Acide guanosinemonophosphorique-5', sel disodique / Acido guanosin-5'-monofosfórico, sal disódica</i> $C_{10}H_{12}N_5Na_2O_8P \cdot 2H_2O$ $M = 443,22$ g/mol	WG. 2919	5 g	30,—	25,50	24,—	22,50
39430	Guanosine-2'(3')-phosphate disodium salt BIOSYNTH® <i>Acide guanosine-2'(3')-phosphorique, sel disodique / Acido guanosin-2'(3')-fosfórico, sal disódica</i> $C_{10}H_{12}N_5Na_2O_8P$ $M = 407,19$ g/mol	FL. 2935	1 g	46,50	39,55	37,20	34,90

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(4 Boxes)

24x
(16 Boxes)

96x
(10 Boxes)

		WG. 2926	100 g	19,—	16,15	15,20	14,21
60334	2-Guanylbenzimidazole PROSYNTH® <i>2-Guanylbenzimidazole / 2-Guanilbenzimidazol</i> $C_8H_4NHC[NHC(=NH)NH_2]=N$ $C_8H_9N_5$ $M=175,19$ g/mol Guanylhdyrazine hydrogen carbonate see Aminoguanidinium hydrogen carbonate N-Guanyl-N-methylglycine see Creatine						
60336	Guanyl urea PROSYNTH® <i>Guanylurée / Guanilurea</i> $HNC(NH_2)NHCONH_2$ $C_2H_6N_4O$ $M=102,10$ g/mol Guenzburg's solution see Solution according to Guenzburg	WG. 2926	100 g	11,75	10,—	9,40	8,80
23301	Guethol <i>Guétol / Güetol</i> $C_8H_4(OH)OC_2H_5$ $C_8H_{10}O_2$ $M=138,17$ g/mol 1 L \approx 1,10 kg congealing point 26 °C Gum arabic see Acacia Gum tragacanth see Tragacanth	FL. 2908	1 L	59,—	50,15	47,20	45,45
10430	Hafnium(IV) oxide <i>Hafnium(IV) oxyde / Hafnio(IV) óxido</i> HfO_2 $M=210,49$ g/mol assay (incl. Zr 1 %) 99% Hair-fixative additive-S on request	FL. 2828	10 g	409,—	347,65	327,20	306,75
39630	Hallcomid M 18 for gas chromatography $CH_3(CH_2)_{18}CON(CH_3)_2$ $C_{20}H_{41}NO$ $M=311,55$ g/mol working temperature 40 to 150 °C Hanus' solution see Iodine solution according to Hanus	WG. 2925	50 g	39,25	33,35	31,40	29,45
36031	Hayem's solution DAB 6 for red blood-corpuseles counts <i>Solution d'après Hayem / Solución según Hayem</i> 1 L \approx 1,01 kg	PF. 3005	500 ml	11,—	9,35	8,80	8,45
35772	 HCB min. 99% PESTANAL® (Hexachlorobenzene) C_6Cl_6 $M=284,78$ g/mol R: 22 S: 25 disposal: 26	FL. 2902	1 g	21,50	18,30	17,20	16,15
35809	α-HCH min. 99% PESTANAL® (α -1,2,3,4,5,6-Hexachlorocyclohexane) $C_6H_6Cl_6$ $M=290,83$ g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2902	1 g	56,50	48,05	45,20	42,40
35842	β-HCH min. 99% PESTANAL® (β -1,2,3,4,5,6-Hexachlorocyclohexane) $C_6H_6Cl_6$ $M=290,83$ g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2902	1 g	85,50	72,70	68,40	64,15
35843	δ-HCH min. 99% PESTANAL® (δ -1,2,3,4,5,6-Hexachlorocyclohexane) $C_6H_6Cl_6$ $M=290,83$ g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2902	1 g	85,50	72,70	68,40	64,15

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		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
Heavy water see Deuterium oxide						
Helianthine see Methyl orange						
08 Heliotropin Erg. B. 6	PF.	1 kg	186,—	158,10	148,80	143,20
<i>Héliotropine / Heliotropina</i>	2911					
<chem>QCH2OC6H3CHO</chem>						
<chem>C8H6O3</chem> M = 150,13 g/mol						
melting range 35—36 °C						
residue on ignition 0,01 %						
acetanilide passes test						
foreign organic matters passes test						
Hematite see Iron(III) oxide						
230 Hematoxylin cryst. indicator (C. I. No. 75290, S. No. 1376)	WG.	10 g	24,75	21,05	19,80	18,55
<i>Hématoxyline / Hematoxilina</i>	WG.	25 g	54,50	46,35	43,60	40,90
	WG.	100 g	185,—	157,25	148,—	138,75
	3204					
891 Hematoxylin solution according to Boehmer (with alum), for microscopy	FL.	250 ml	14,25	12,10	11,40	10,70
<i>Hématoxyline en solution / Hematoxilina en solución</i>	3819					
1 L ≈ 1,02 kg						
892 Hematoxylin solution according to Delafield (with ammonium alum), for microscopy	FL.	250 ml	24,—	20,40	19,20	18,—
<i>Hématoxyline en solution / Hematoxilina en solución</i>	3819					
1 L ≈ 1,03 kg						
 R: 20/21/22 S: 28 disposal: 6						
897 Hematoxylin solution according to Weigert, for microscopy	FL.	250 ml	14,25	12,10	11,40	10,70
Solution A: Hematoxylin solution (100 g/l)	3819					
<i>Hématoxyline en solution / Hematoxilina en solución</i>						
1 L ≈ 0,84 kg						
 R: 11 S: 7-16 disposal: 6						
896 Hematoxylin solution according to Weigert, for microscopy	FL.	250 ml	14,25	12,10	11,40	10,70
Solution B: Lithium carbonate solution (0,8 g/l)	3819					
<i>Hématoxyline en solution / Hematoxilina en solución</i>						
1 L ≈ 0,99 kg						
1,2,3-Hemimellithic acid see Benzenetricarboxylic acid						
Hen... see Un...						
3318 Heparin ammonium salt BIOSYNTH®	3906	1 pack	16,50	14,05	13,20	12,40
<i>Héparine sel ammonium / Heparina sal amoniaca</i>						
package of 100 mg						
3283 Heparin lithium salt BIOSYNTH®	3906	1 pack	16,50	14,05	13,20	12,40
<i>Héparine seldelithium / Heparina saldelitio</i>						
package of 100 mg						
9311 Heparin potassium salt BIOSYNTH®	3906	1 pack	28,—	23,80	22,40	21,—
<i>Héparine sal de potassium / Heparina sal potásica</i>						
package of 250 mg						
9201 Heparin sodium salt BIOSYNTH®	3906	1 pack	16,50	14,05	13,20	12,40
<i>Héparine sel de sodium / Heparina sal sódica</i>						
package with 100 mg						
Hepartest see Bromosulphaleine						

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96
(16 Boxes)

35731 Heptachloro min. 99% PESTANAL® (1,4,5,6,7,8,8-Heptachloro-4,7-endomethano-3a,4,7,7a-tetrahydroindene
A 6.1/81B
C 6.1 1615 3 C10H5Cl7 $M = 373,32 \text{ g/mol}$



R: 23/24/25-36/38 S: 2-13-44
disposal: 7

35770 Heptachloro epoxide isomer A, min. 99% PESTANAL® (1,4,5,6,7,8,8-Heptachloro-2,3-epoxy-4,7-endomethano-3a,4,7,7a-tetrahydroindane)
A 6.1/81B
C 6.1 1615 3 C10H5Cl7O $M = 389,32 \text{ g/mol}$

Heptacosanone-(14) see Ditridecyl ketone

32262 n-Heptadecane min. 99,9% for gas chromatography
n-Heptadécane / n-Heptadecano
CH3(CH2)15CH3
C17H36 $M = 240,47 \text{ g/mol}$ 1 L $\approx 0,78 \text{ kg}$

63496 Heptadecane PROSYNTH®
Heptadécane / Heptadecano
CH3(CH2)15CH3
C17H36 $M = 240,47 \text{ g/mol}$

assay (GC) 99%
melting range 22–24 °C

39408 Heptadecanoic acid BIOSYNTH®
Acide heptadécanoïque / Acido heptadecanóico
CH3(CH2)15COOH
C17H34O2 $M = 270,45 \text{ g/mol}$

63599 Heptadecanoic acid PROSYNTH®
Acide heptadécanoïque / Acido heptadecanóico
CH3(CH2)15COOH
C17H34O2 $M = 270,46 \text{ g/mol}$

assay (GC) 95%
melting range 60–62 °C

63507 Heptadecanoic acid nitrile PROSYNTH®
Acide heptadécanoïque nitrile / Acido heptadecanóico nitrilo
CH3(CH2)15CN
C17H33N $M = 251,45 \text{ g/mol}$

melting range 33–36 °C

Heptadecanone see Dioctyl ketone

63497 Heptadecene-(1) PROSYNTH®
Heptadécène-(1) / Heptadeceno-(1)
CH3(CH2)14CH=CH2
C17H34 $M = 238,46 \text{ g/mol}$ 1 L $\approx 0,78 \text{ kg}$

assay (GC) 98%
boiling range (at 13 mbar) 158–160 °C
refractive index (n_D^{20}) 1,443





61437 2,2,3,3,4,4,4-Heptafluoro-1-butanol PROSYNTH®
2-2-3-3-4-4-4-Heptafluoro-1-butanol / 2,2,3,3,4,4,4-Heptafluoro-1-butanol
+ 27 °C CF3CF2CF2CH2OH

C4H3F7O $M = 200,06 \text{ g/mol}$ 1 L $\approx 1,56 \text{ kg}$
assay (GC) 95%
boiling range 94–97 °C
refractive index (n_D^{20}) 1,294

R: 10 disposal: 7

Heptafluorobutyric acid see Perfluorobutyric acid

Heptafluoro-1-iodopropane see Perfluoropropyl iodide

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
1609	Heptamethylenimine PROSYNTH® Heptaméthylèneimine / Heptametyleniminia CH ₂ (CH ₂) ₆ NH C ₇ H ₁₅ N M = 113,20 g/mol 1 L ≈ 0,89 kg assay (GC) 97% boiling range 164–167 °C refractive index (n _D ²⁰) 1,473  R: 10-36/37/38 S: 28 disposal: 6 Heptanal see Enanthaldehyde	FL. 2926	10 ml	56,—	47,60	44,80	42,—
5674 ★	Heptane Heptane / Heptano CH ₃ (CH ₂) ₅ CH ₃ C ₇ H ₁₆ M = 100,20 g/mol 1 L ≈ 0,68 kg boiling range 97–99 °C density (D ₄ ²⁰) 0,685–0,705 refractive index (n _D ²⁰) 1,3880–1,3950 non-volatile matter 0,005%  R: 11 S: 9-16-23-29-33 disposal: 6	FL. FL. EKL. EKL. EKL. F. 2710	1 L 2,5 L 30 L 5x 10x 200 L	26,75 57,— L 8,— L 7,50 L 7,20 price on request	22,75 47,30	21,40 44,45	20,60 42,75
2252	n-Heptane min. 99,9% for gas chromatography n-Heptane / n-Heptano CH ₃ (CH ₂) ₅ CH ₃ C ₇ H ₁₆ M = 100,20 g/mol 1 L ≈ 0,68 kg  R: 11 S: 9-16-23-29-33 disposal: 6	FL. 2901	5 ml	49,25	41,85	39,40	36,95
5677 ★	n-Heptane n-Heptane / n-Heptano CH ₃ (CH ₂) ₅ CH ₃ C ₇ H ₁₆ M = 100,20 g/mol 1 L ≈ 0,68 kg assay (GC) 99% boiling range 96–99 °C density (D ₄ ²⁰) 0,683–0,685 refractive index (n _D ²⁰) 1,3870–1,3880 non-volatile matter 0,001%  R: 11 S: 9-16-23-29-33 disposal: 6 3-Heptanecarboxylic acid see 2-Ethylcaproic acid Heptanedioic acid see Pimelic acid Heptane-1-thiol see Heptylmercaptan Heptanoic acid see Enanthic acid	FL. FL. FL. EKL. 2901	500 ml 1 L 2,5 L 30 L	16,— 29,25 62,50 L 9,70	13,60 24,85 51,90	12,80 23,40 48,75	12,30 22,50 46,90
2625	Heptanol-(1) PROSYNTH® Heptanol-(1) / Heptanol-(1) CH ₃ (CH ₂) ₆ OH C ₇ H ₁₆ O M = 116,20 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 173–175 °C refractive index (n _D ²⁰) 1,424	FL. 2904	1 L	38,50	32,75	30,80	29,65
2626	Heptanol-(2) PROSYNTH® Heptanol-(2) / Heptanol-(2) CH ₃ (CH ₂) ₄ CH(OH)CH ₃ C ₇ H ₁₆ O M = 116,20 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 158–160 °C refractive index (n _D ²⁰) 1,420	FL. 2904	100 ml	54,50	46,35	43,60	40,90

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64610	Heptanol-(3) PROSYNTH® A 3/4 <i>Heptanol-3 / 3-Heptanol</i> C 3.3 1993 2 <chem>CH3(CH2)3CH(OH)CH2CH3</chem> +60°C <chem>C7H16O</chem> $M = 116,20$ g/mol 1 L ≈ 0,82 kg assay (GC) 99% boiling range 155–157 °C refractive index (n_D^{20}) 1,422	FL. 2904	100 ml	29,50	25,10	23,60	22,15
62500	Heptanol-(4) PROSYNTH® A 3/3 <i>Heptanol-(4) / Heptanol-(4)</i> C 3.3 1993 2 <chem>(CH3CH2CH2)2CHOH</chem> +54°C <chem>C7H16O</chem> $M = 116,20$ g/mol 1 L ≈ 0,82 kg assay (GC) 97% boiling range 157–160 °C refractive index (n_D^{20}) 1,420 R: 10 disposal: 6	FL. 2904	100 ml	52,50	44,65	42,—	39,40
33261	Heptanone-(2) for extraction analysis A 3/3 <i>Heptanone-(2) / Heptanona-(2)</i> C 3.3 1224 2 <chem>CH3(CH2)4COCH3</chem> +41°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,82 kg assay (GC) min. 99%  R: 10-22 S: 23 disposal: 6	FL. 2913	500 ml	96,—	81,60	76,80	73,90
30820	Heptanone-(2) min. 99,9% for gas chromatography A 3/3 <i>Heptanone-(2) / Heptanona-(2)</i> C 3.3 1110 3 <chem>CH3(CH2)4COCH3</chem> +41°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,82 kg  R: 10-22 S: 23 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,95
64092	Heptanone-(2) PROSYNTH® A 3/3 <i>Heptanone-(2) / Heptanona-(2)</i> C 3.3 1224 2 <chem>CH3(CH2)4COCH3</chem> +41°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 150–152 °C refractive index (n_D^{20}) 1,409  R: 10-22 S: 23 disposal: 6	FL. 2913	100 ml	28,25	24,—	22,60	21,20
30821	Heptanone-(3) min. 99,9% for gas chromatography A 3/3 <i>Heptanone-(3) / Heptanona-(3)</i> C 3.3 1224 2 <chem>CH3(CH2)3COC2H5</chem> +38°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,82 kg  R: 10-20-36 S: 24 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,95
62628	Heptanone-(3) PROSYNTH® A 3/3 <i>Heptanone-(3) / Heptanona-(3)</i> C 3.3 1110 3 <chem>CH3(CH2)3COCH2CH3</chem> +38°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 146–149 °C refractive index (n_D^{20}) 1,408  R: 10-20-36 S: 24 disposal: 6	FL. 2913	500 ml	54,50	46,35	43,60	41,95
30822	Heptanone-(4) min. 99,9% for gas chromatography A 3/3 <i>Heptanone-(4) / Heptanona-(4)</i> C 3.3 2710 3 <chem>(CH3CH2CH2)2CO</chem> +49°C <chem>C7H14O</chem> $M = 114,19$ g/mol 1 L ≈ 0,81 kg R: 10 S: 23 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,95

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
29	Heptanone-(4) PROSYNTH®	FL.	100 ml	12,—	10,20	9,60	9,—
3	<i>Heptanone-(4) / Heptanona-(4)</i>	2913					
3 2710 3	<chem>(CH3CH2CH2)2CO</chem>						
0 °C	<chem>C7H14O</chem> $M = 114,19$ g/mol						
	1 L ≈ 0,81 kg						
	assay (GC) 98%						
	boiling range 142—144 °C						
	refractive index 1,407						
	R: 10 S: 23						
	disposal: 6						
	Heptanoyl chloride see Enanthoyl chloride						
214	3-Heptene PROSYNTH® mixture of <i>cis</i> - and <i>trans</i> -isomers	FL.	10 ml	21,50	18,30	17,20	16,15
1/1A	<i>Heptène-2 / 3-Hepteno</i>	2901					
2 1993 2	<chem>CH3CH2CH2CH=CHCH2CH3</chem>						
C	<chem>C7H14</chem> $M = 98,19$ g/mol						
	1 L ≈ 0,72 kg						
	assay (GC) 95%						
	refractive index (n_D^{20}) 1,405						
	Heptyl alcohol see 1-Heptanol						
532	Heptylamine PROSYNTH®	FL.	50 ml	27,75	23,60	22,20	20,80
1/35	<i>Heptylamine / Heptilamina</i>	2922					
3 1993 2	<chem>CH3(CH2)6NH2</chem>						
4 °C	<chem>C7H17N</chem> $M = 115,22$ g/mol						
	1 L ≈ 0,77 kg						
	assay (GC) 95%						
	boiling range 154—156 °C						
	refractive index (n_D^{20}) 1,424						
	 R: 10-36/37/38 S: 28						
	disposal: 19						
	Heptylbenzene see 1-Phenylheptane						
	Heptyl bromide see 1-Bromoheptane						
	Heptyl cyanide see Caprylonitrile						
	Heptyl iodide see 1-Iodoheptane						
500	Heptylmercaptan PROSYNTH®	FL.	50 ml	58,50	49,75	46,80	43,90
1/3	<i>Heptylmercaptan / Heptilmercaptano</i>	2931					
3 1993 2	<chem>CH3(CH2)6SH</chem>						
C	<chem>C7H16S</chem> $M = 132,27$ g/mol						
	1 L ≈ 0,84 kg						
	assay (GC) 95%						
	R: 10 disposal: 15						
	Heptyl propyl ketone see Undecanone-(4)						
631	Heptyne-(1) PROSYNTH®	FL.	25 ml	38,25	32,50	30,60	28,70
1/1A	<i>Heptyne-(1) / Heptino-(1)</i>	2901					
2 1993 2	<chem>CH3(CH2)4C#CH</chem>						
C	<chem>C7H12</chem> $M = 96,17$ g/mol						
	1 L ≈ 0,73 kg						
	assay (GC) 98%						
	boiling range 98—100 °C						
	refractive index (n_D^{20}) 1,409						
	 R: 11 S: 9-16-33						
	disposal: 6						
856	Heptyne-(3) PROSYNTH®	FL.	5 g	52,50	44,65	42,—	39,40
1/1A	<i>Heptyne-(3) / Heptino-(3)</i>	2901					
2 1993 2	<chem>CH3CH2C#C(CH2)2CH3</chem>						
20 °C	<chem>C7H12</chem> $M = 98,17$ g/mol						
	assay (GC) 99%						
	boiling range 103—105 °C						
	refractive index (n_D^{20}) 1,422						
	 R: 11 S: 9-16-33						
	disposal: 6						
	Herbicides see appendix PESTANAL®						

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63506	Hexadecylamine PROSYNTH® Genamin® <i>Hexadécylamine / Hexadecilamina</i> Genamin® = trade mark of Hoechst AG $\text{CH}_3(\text{CH}_2)_{15}\text{NH}_2$ $\text{C}_{16}\text{H}_{35}\text{N}$ $M = 241,46 \text{ g/mol}$ assay (GC) 98% melting range $43-46^\circ\text{C}$  R: 34 S: 26 disposal: 19	WG. 2922	500 g	26,50	22,55	21,20	20,...
63296 A 6.1/62 C 6.1 2811 3	Hexadecylpyridinium chloride monohydrate PROSYNTH® <i>Hexadécylpyridinium chlorure monohydrate /</i> <i>Hexadecilpiridinio cloruro monohidrato</i> $\text{CH}=\text{CHCH}=\text{CHCH}=\text{N}(\text{Cl})(\text{CH}_2)_{15}\text{CH}_3 \cdot \text{H}_2\text{O}$ $\text{C}_{21}\text{H}_{38}\text{ClN} \cdot \text{H}_2\text{O}$ $M = 358,01 \text{ g/mol}$ assay 98% melting range $79-83^\circ\text{C}$	PF. 2935	500 g	94,—	79,90	75,20	72,4
65015	N-Hexadecyl-N,N,N-trimethylammonium bromide PROSYNTH® <i>N-Hexadécyl-N-N-N-triméthylammonium bromure /</i> <i>N-Hexadecil-N,N,N-trimetilamonio bromuro</i> $\text{CH}_3(\text{CH}_2)_{15}\text{NBr}(\text{CH}_3)_3$ $\text{C}_{19}\text{H}_{42}\text{BrN}$ $M = 364,45 \text{ g/mol}$ assay (aus Br) 98%	WG. 2924	100 g	22,—	18,70	17,60	16,5
	Hexadiene-(2,4)-acid-(1) see Sorbic acid						
39685	Hexaethylene glycol dimethyl ether for gas chromatography <i>Hexaéthylèneglycol diméthyléther / Hexaetilenglicol</i> <i>dimetileter</i> $\text{CH}_3(\text{OCH}_2\text{CH}_2)_6\text{OCH}_3$ $\text{C}_{14}\text{H}_{30}\text{O}_7$ $M = 310,39 \text{ g/mol}$ $1 \text{ L} \approx 1,04 \text{ kg}$ working temperature $0-65^\circ\text{C}$	FL. 2908	50 ml	224,—	190,40	179,20	168,—
61357 A 3/4	Hexafluoroacetylacetone PROSYNTH® <i>Hexafluoroacétylacétone / Hexafluoroacetilacetona</i> $\text{CF}_3\text{COCH}_2\text{COCF}_3$ $\text{C}_5\text{H}_2\text{F}_6\text{O}_2$ $M = 208,06 \text{ g/mol}$ $1 \text{ L} \approx 1,39 \text{ kg}$ assay (GC) 98% boiling range $68-70^\circ\text{C}$	FL. 2913	25 ml	176,—	149,60	140,80	132,—
01735 A 8/15 C 8 1759 2	Hexafluoroaluminium acid-6-hydrate <i>Acide hexafluoroaluminium-6-hydrate / Acido</i> <i>hexafluoroaluminio-6-hidrato</i> $\text{H}_3\text{AlF}_6 \cdot 6\text{H}_2\text{O}$ $M = 252,09 \text{ g/mol}$ melting range $38-40^\circ\text{C}$  R: 34 S: 26 disposal: 27	PF. 2813	50 g	74,50	63,35	59,60	55,90
61358 A 3/1A C 3.2 1992 2 + 10°C	Hexafluorobenzene PROSYNTH® <i>Hexafluorobenzène / Hexafluorobenceno</i> C_6F_6 $M = 186,06 \text{ g/mol}$ $1 \text{ L} \approx 1,61 \text{ kg}$ assay (GC) 97% melting range $4-6^\circ\text{C}$ boiling range $80-82^\circ\text{C}$  R: 11 S: 9-16-33 disposal: 13	FL. 2902	25 ml	173,—	147,05	138,40	129,75
09053 A 6.1/23 C 6.1 2810 2	Hexafluoro-2-propanol-d_2 deuteration degree not less than 98 atom % D <i>Hexafluoropropanol-2-d_2 / Hexafluoro-2-propanol-d_2</i> $\text{CF}_3\text{CD}(\text{OD})\text{CF}_3$ $\text{C}_3\text{D}_2\text{F}_6\text{O}$ $M = 170,02 \text{ g/mol}$ $1 \text{ L} \approx 1,64 \text{ kg}$	A. 2851	10 ml	65,—	55,25	52,—	48,75
	Hexafluorosilicic acid see Fluorosilicic acid						
	Hexafluorosilicic acid see Fluorosilicic acid						

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Hexahydrobenzene see Cyclohexane						
Hexahydrobenzoic acid see Cyclohexanecarboxylic acid						
Hexahydromesitylene see 1,3,5-Trimethylcyclohexane						
3508 cis-Hexahydrophthalimide PROSYNTH® <i>cis-Hexahydrophthalimide / cis-Hexahydroftalimida</i> <chem>C6H10CONHCO</chem> <chem>C6H11NO2</chem> $M = 153,18 \text{ g/mol}$ assay (ex N) 95% melting range 133–135 °C	WG. 2926	100 g	29,50	25,10	23,60	22,15
Hexahydrotoluene see Methylcyclohexane						
4,5,6,4',5',6'-Hexahydroxydiphenic acid- δ,δ -dilactone see Ellagic acid						
Hexahydroxylene see Dimethylcyclohexane						
9631 1,2,3,4,5,6-Hexakis-(2-cyanoethoxy)-hexane (Fractonitril VI) for gas chromatography 6.1/21A 6.1 2810 1 <i>1-2-3-4-5-6-Hexakis-(2-cyanoéthoxy)-hexane / 1,2,3,4,5,6-Hexakis-(2-cianoetoxi)-hexano</i> <chem>C24H32N6O6</chem> $M = 500,55 \text{ g/mol}$ $1 \text{ L} \approx 1,18 \text{ kg}$ working temperature 40 to 150 °C	WG. 2927	50 ml	56,—	47,60	44,80	42,—
Hexalaldehyde see Capronaldehyde						
5016 Hexamethonium chloride dihydrate PROSYNTH® <i>Hexaméthonium chlorure dihydrate / Hexametonio cloruro dihidrato</i> <chem>(CH3)3N(Cl)(CH2)6N(Cl)(CH3)3 \cdot 2H2O</chem> <chem>C12H30Cl2N2 \cdot 2H2O</chem> $M = 309,32 \text{ g/mol}$ assay (ex Cl) 97%	WG. 2927	100 g	price on request			
5017 Hexamethonium iodide PROSYNTH® <i>Hexaméthonium iodure / Hexametonio yoduro</i> <chem>(CH3)3N(J)(CH2)6N(J)(CH3)3</chem> <chem>C12H30J2N2</chem> $M = 456,19 \text{ g/mol}$ assay (ex J) 99% melting range 280–282 °C (disint.)	WG. 2924	100 g	31,25	26,55	25,—	23,45
63509 Hexamethylbenzene PROSYNTH® <i>Hexaméthylbenzène / Hexametilbenceno</i> <chem>C6(CH3)6</chem> <chem>C12H18</chem> $M = 162,27 \text{ g/mol}$ assay (GC) 98% melting range 163–165 °C	WG. 2901	25 g	49,50	42,10	39,60	37,15
62638 Hexamethyldisilazane (HMDS) PROSYNTH® <i>Hexaméthyldisilazane / Hexametildisilazano</i> <chem>(CH3)3SiNHSi(CH3)3</chem> <chem>C6H19NSi2</chem> $M = 161,39 \text{ g/mol}$ $1 \text{ L} \approx 0,78 \text{ kg}$ assay (GC) 98% boiling range 124–126 °C refractive index (n_D^{20}) 1,407	FL. 2934	25 ml	10,50	8,95	8,40	7,90
62639 Hexamethyldisiloxane PROSYNTH® <i>Hexaméthyldisiloxane / Hexametildisiloxano</i> <chem>(CH3)3SiOSi(CH3)3</chem> <chem>C6H18OSi2</chem> $M = 162,38 \text{ g/mol}$ $1 \text{ L} \approx 0,76 \text{ kg}$ assay (GC) 98% boiling range 98–100 °C refractive index (n_D^{20}) 1,377	FL. 2934	100 ml	31,75	27,—	25,40	23,80

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Hexamethylene bromide see 1,6-Dibromohexane

Hexamethylene chloride see 1,6-Dichlorohexane

62640 Hexamethylenediamine PROSYNTH®
A 8/35 Hexaméthylènediamine / Hexametilendiamina
C 8 1783 2

NH2(CH2)6NH2
C6H16N2 M = 116,21 g/mol 1 L ≈ 0,84 kg
assay (GC) 99%
melting range 41–43 °C

Hexamethylene dicyanide see Suberodinitrile

64617 Hexamethylene oxide PROSYNTH®
A 3/1A Hexaméthylène oxyde / Hexametileno óxido
C 3.2 1993 2

CH2(CH2)5O
C6H12O M = 100,16 g/mol 1 L ≈ 0,90 kg
assay (GC) 97%
boiling range 120–122 °C
refractive index (n_D²⁰) 1,440



R: 11 S: 9-16-33
disposal: 6

33233 Hexamethylenetetramine R. G., Reag. Ph. Eur. I
C 4.1 1328 3 Hexaméthylènetétramine / Hexametilentetramina

C6H12N4 M = 140,19 g/mol
assay min. 99,5%
insoluble in water max. 0,0025%
sulphated ash max. 0,01%
pH (10%, 20 °C) 8,5–9,5
ammonium (NH₄) max. 0,01%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,002%
sulphate (SO₄) max. 0,005%



R: 36/37/38 S: 26
disposal: 19

15614 Hexamethylenetetramine DAB 8
C 4.1 1328 3 Hexaméthylènetétramine / Hexametilentetramina

C6H12N4 M = 140,19 g/mol
assay (for dried substance) 99,5%
loss on drying (on silica gel) 1%
sulphated ash 0,03%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,005%
sulphate (SO₄) 0,01%



R: 36/37/38 S: 26
disposal: 19

62641 Hexamethylenimine PROSYNTH®
A 8/35 Hexaméthylènimine / Hexametilenimina
C 3.2 1993 2

CH2(CH2)5NH
C6H13N M = 99,18 g/mol 1 L ≈ 0,88 kg
assay (GC) 98%
boiling range 135–138 °C
refractive index (n_D²⁰) 1,467

60179 Hexamethylphosphoric triamide PROSYNTH®
Acide hexaméthylphosphorotriamide / Acido hexametilfosfórico-triamida

[(CH3)2N]3PO
C6H15N3OP M = 179,20 g/mol 1 L ≈ 1,03 kg
assay (GC) 99%
boiling range (at 13 mbar) 107–110 °C
refractive index (n_D²⁰) 1,459

FL.
2922

FL.
2909

PF.
PF.
PF.
2926

PF.
S.
S.
FTP.
FTP.
2926

FL.
2935

FL.
FL.
2930

250 ml 21,50 18,30 17,20 16,




250 ml 47,25 40,15 37,80 35,

250 g 9,75 8,30 7,80 7,3
500 g 13,75 11,70 11,— 10,6
1 kg 25,— 21,25 20,— 19,2

1 kg 16,— 13,60 12,80 12,3
50 kg kg 6,—
5x kg 5,60
50 kg kg 6,30
5x kg 5,90

250 ml 17,25 14,65 13,80 12,9

250 ml 38,— 32,30 30,40 28,50
1 L 126,50 107,55 101,20 97,40

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
4	Hexamethylphosphoric triamide-d ₁₈ deuteration degree not less than 98 atom % D <i>Hexaméthylphosphorotriamide-d₁₈ / Hexametilfosforo triamida-d₁₈</i> [(CD ₃) ₂ N] ₃ PO C ₆ D ₁₈ N ₃ OP M = 197,06 g/mol 1 L ≈ 1,14 kg	A. 2851	5 ml	337,—	286,45	269,60	252,75
18	2,6,10,15,19,23-Hexamethyltetracosane see Squalane Hexamine see Hexamethylenetetramine Hexamine-cobalt(III) chloride PROSYNTH® <i>Hexamine-cobalt(III) chlorure / Hexamincobalto(III) cloruro</i> [Co(NH ₃) ₆]Cl ₃ Cl ₃ CoH ₁₈ N ₆ M = 267,47 g/mol assay (ex Cl) 99%	WG. 2848	50 g	37,—	31,45	29,60	27,75
51	Hexanal see Capronaldehyde <i>n</i> -Hexane min. 99,9% for gas chromatography <i>n</i> -Hexane / <i>n</i> -Hexano CH ₃ (CH ₂) ₄ CH ₃ C ₆ H ₁₄ M = 86,18 g/mol 1 L ≈ 0,66 kg  R: 11 S: 9-16-23-29-33 disposal: 6	FL. 2901	5 ml	49,25	41,85	39,40	36,95
13	★ <i>n</i> -Hexane SPECTRANAL® <i>n</i> -Hexane / <i>n</i> -Hexano CH ₃ (CH ₂) ₄ CH ₃ C ₆ H ₁₄ M = 86,18 g/mol 1 L ≈ 0,66 kg free acid (as CH ₃ COOH) max. 0,001 % assay (GC) min. 97 % non-volatile matter max. 0,0005 % water (acc. to Karl Fischer) max. 0,01 % free acid (as CH ₃ COOH) max. 0,001 % suitability for UV spectroscopy transmittance (1 cm cell/reference: water) transmittance/wavelength (nm): min. 60 %/210, min. 80 %/220, min. 94 %/230, min. 98 %/from 240 suitability for IR spectroscopy passes test  R: 11 S: 9-16-23-29-33 disposal: 6	FL. 2901	1 L 2,5 L	39,75 84,50	33,80 70,15	31,80 65,90	30,60 63,40
84	<i>n</i> -Hexane PESTANAL® <i>n</i> -Hexane / <i>n</i> -Hexano CH ₃ (CH ₂) ₄ CH ₃ C ₆ H ₁₄ M = 86,18 g/mol 1 L ≈ 0,66 kg assay (GC) min. 95 % non-volatile matter max. 0,0005 % water (according to Karl Fischer) max. 0,01 % suitability for residue analysis: Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volum zones between Pentachlorobenzene, α-HCH, Aldrin and DDT a peak of < 5 · 10 ⁻¹⁰ % ± 5 ng/l.  R: 11 S: 9-16-23-29-33 disposal: 6	FL. 2901	1 L 2,5 L 5 L	29,75 62,— 109,—	25,30 51,45 90,45	23,80 48,35 85,—	22,90 46,50 81,75

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)

34859 ★ n-Hexane CHROMASOLV® for chromatography (UV-

A 3/1A detection)
C 3.1 1208 2 Hexane / Hexano
-23°C

CH3(CH2)4CH3
C6H14 $M = 86,18 \text{ g/mol}$ $1 \text{ L} \approx 0,66 \text{ kg}$
assay (GC) min. 97%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,01%
free acid (as CH3COOH) max. 0,001%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm):
min. 20%/200, min. 50%/214
min. 80%/225, min. 98%/from 270



R: 11 S: 9-16-23-29-33
disposal: 6

FL.
FL.
2901

1 L	50,—	42,50	40,—	38,—
2,5 L	105,—	87,15	81,90	78,—

17959 ★ n-Hexane PURANAL®

A 3/1 n-Hexane / n-Hexano
C 3.1 1208 2 CH3(CH2)4CH3
-26°C C6H14 $M = 86,18 \text{ g/mol}$ $1 \text{ L} \approx 0,66 \text{ kg}$

assay (GC) min. 99%
boiling range 68—69 °C
density (D_4^{20}) 0,658—0,662
refractive index (n_D^{20}) 1,3745—1,3755
non-volatile matter max. 10 ppm
water (according to Karl Fischer) max. 100 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm



R: 11 S: 9-16-23-29-33
disposal: 6

FL.
2901

2,5 L price on request

15671 ★ n-Hexane pure

A 3/1A n-Hexane / n-Hexano
C 3.1 1208 2 CH3(CH2)4CH3
-26°C C6H14 $M = 86,18 \text{ g/mol}$ $1 \text{ L} \approx 0,66 \text{ kg}$


assay (GC) 95%
boiling range 68—69 °C
density (D_4^{20}) 0,658—0,662
refractive index (n_D^{20}) 1,3740—1,3755
non-volatile matter 0,001%



R: 11 S: 9-16-23-29-33
disposal: 6

FL.
FL.
EKL.
EKL.
EKL.
EKL.
2901

1 L	27,—	22,95	21,60	20,80
2,5 L	57,—	47,30	44,45	42,75
30 L	L	10,15		
5x	L	9,75		
10x	L	9,50		
20x	L	9,20		

Number /ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
37	Hexane	FL.	500 ml	11,—	9,35	8,80	8,45
A	<i>Hexane / Hexano</i>	FL.	1 L	18,—	15,30	14,40	13,85
1208 2	<chem>CH3(CH2)4CH3</chem>	FL.	2,5 L	39,—	32,35	30,40	29,25
C	<chem>C6H14</chem> $M = 86,18$ g/mol	EKL.	30 L	L	7,35		
	boiling range 66—69 °C	2710					
	density (D_4^{20}) 0,660—0,668						
	refractive index (n_D^{20}) 1,3750—1,3780						
	non-volatile matter 0,001 %						
	 R: 11 S: 9-16-23-29-33 disposal: 6						
	1,6-Hexanediamine see Hexamethylenediamine						
665	1,6-Hexanediol	WG.	1 kg	26,25	22,30	21,—	20,20
	<i>Hexanediol-1-6 / 1,6-Hexanodiol</i>	2904					
	<chem>HO(CH2)6OH</chem>						
	<chem>C6H14O2</chem> $M = 118,18$ g/mol						
	assay (GC) 99 %						
	melting range 41,0—41,5 °C						
	boiling range 253,0—260,5 °C						
619	2,5-Hexanediol PROSYNTH®	PF.	500 ml	37,—	31,45	29,60	28,50
	<i>Hexanediol-2-5 / 2,5-Hexanodiol</i>	2904					
	<chem>CH3CH(OH)CH2CH2CH(OH)CH3</chem>						
	<chem>C6H14O2</chem> $M = 118,18$ g/mol						
	assay (GC) 97 %						
	boiling range (at 1,3 mbar) 85—88 °C						
	refractive index (n_D^{20}) 1,448						
642	2,5-Hexanedione PROSYNTH®	FL.	100 ml	28,50	24,25	22,80	21,40
	<i>Hexanedione-2-5 / 2,5-Hexanodiona</i>	2913					
	<chem>CH3COCH2CH2COCH3</chem>						
	<chem>C6H10O2</chem> $M = 114,14$ g/mol						
	assay (GC) 97 %						
	boiling range 190—193 °C						
	refractive index (n_D^{20}) 1,426						
511	1,6-Hexanedithiol PROSYNTH®	FL.	25 ml	51,50	43,80	41,20	38,65
	<i>Hexanedithiol-1-6 / 1,6-Hexanodithiol</i>	2931					
3.1/82	<chem>HS(CH2)6SH</chem>						
3.1 2810 3	<chem>C6H14S2</chem> $M = 150,31$ g/mol						
	assay (GC) 98 %						
	boiling range (at 13 mbar) 100—102 °C						
	refractive index (n_D^{20}) 1,511						
623	1-Hexanethiol PROSYNTH®	FL.	100 ml	50,50	42,95	40,40	37,90
	<i>Hexanethiol-1 / 1-Hexanotiol</i>	2931					
3/3	<chem>CH3(CH2)5SH</chem>						
3.3 1992 2	<chem>C6H14S</chem> $M = 118,24$ g/mol						
30 °C	assay (GC) 97 %						
	boiling range 148—150 °C						
	refractive index (n_D^{20}) 1,449						
	R: 10 disposal: 15						
2648	1,2,6-Hexanetriol PROSYNTH®	FL.	500 ml	109,—	92,65	87,20	83,95
	<i>Hexanetriol-(1-2-6) / Hexanotriol-(1,2,6)</i>	2904					
	<chem>HO(CH2)4CH(OH)CH2OH</chem>						
	<chem>C6H14O3</chem> $M = 134,17$ g/mol						
	assay 98 %						
	boiling range (at 7 mbar) 176—178 °C						
	refractive index (n_D^{20}) 1,478						
	Hexanitrodiphenylamine see Dipicrylamine						
	<i>n</i>-Hexanoic acid see <i>n</i> -Caproic acid						

Code Number
A) RID/ADR
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C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (144 Boxes)

64380 Hexanoic anhydride PROSYNTH® Anhydride hexanoïque / Anhidrido hexanoico

CH3(CH2)4COOCO(CH2)4CH3
C12H22O4 $M = 214,30$ g/mol 1 L ≈ 0,93 kg
assay (GC) 98%
boiling range (at 17 mbar) 141–143 °C
refractive index (n_D^{20}) 1,428

FL.
2914

250 ml 58,50 49,75 46,80 43,9

62643 1-Hexanol PROSYNTH® Hexanol-1 / 1-Hexanol

A 3/4
+74 °C
CH3(CH2)5OH
C6H14O $M = 102,18$ g/mol 1 L ≈ 0,82 kg
assay (GC) 99%
boiling range 156–158 °C
refractive index (n_D^{20}) 1,419

FL.
2904

1 L 22,25 18,90 17,80 17,1



R: 22 S: 24/25
disposal: 6

62644 2-Hexanol PROSYNTH® Hexanol-2 / 2-Hexanol

A 3/4
C 3.3 2282 3
+58 °C
CH3(CH2)3CH(OH)CH3
C6H14O $M = 102,18$ g/mol 1 L ≈ 0,81 kg
assay (GC) 97%
boiling range 137–140 °C
refractive index (n_D^{20}) 1,414

FL.
2904

100 ml 69,50 59,10 55,60 52,15



R: 22 S: 24/25
disposal: 6

62645 3-Hexanol PROSYNTH® Hexanol-3 / 3-Hexanol

A 3/3
C 3.3 2282 3
+45 °C
CH3CH2CH2CH(OH)CH2CH3
C6H14O $M = 102,18$ g/mol 1 L ≈ 0,82 kg
assay (GC) 96%
boiling range 134–136 °C
refractive index (n_D^{20}) 1,417

FL.
2904

100 ml 50,50 42,95 40,40 37,90



R: 10-20/22 S: 24/25
disposal: 6

6-Hexanolactone see ε-Caprolactone

30817 Hexanone-(2) min. 99,9% for gas chromatography Hexanone-(2) / Hexanona-(2)

A 3/3
C 3.3 1224 2
+31 °C
CH3(CH2)3COCH3
C6H12O $M = 100,16$ g/mol 1 L ≈ 0,81 kg
R: 10 disposal: 6

FL.
2913

5 ml 49,25 41,85 39,40 36,95

62646 Hexanone-(2) PROSYNTH® Hexanone-(2) / Hexanona-(2)

A 3/3
C 3.3 1224 2
+31 °C
CH3(CH2)3COCH3
C6H12O $M = 100,16$ g/mol 1 L ≈ 0,81 kg
assay (GC) 98%
boiling range 126–128 °C
refractive index (n_D^{20}) 1,401
R: 10 disposal: 6

FL.
2913

100 ml 32,25 27,40 25,80 24,20

30819 Hexanone-(3) min. 99,9% for gas chromatography Hexanone-(3) / Hexanona-(3)







A 3/1A
C 3.2 1224 2
+14 °C
CH3CH2CH2COC2H5
C6H12O $M = 100,16$ g/mol 1 L ≈ 0,82 kg

FL.
2913

5 ml 49,25 41,85 39,40 36,95



R: 11 S: 9-16-33
disposal: 6

le-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
647	Hexanone-(3) PROSYNTH® /1A <i>Hexanone-(3) / Hexanona-(3)</i> 2 1224 2 <chem>CH3CH2CH2COC2H5</chem> 4 °C <chem>C6H12O</chem> $M = 100,16 \text{ g/mol}$ $1 \text{ L} \approx 0,82 \text{ kg}$ assay (GC) 97% boiling range 122–124 °C  R: 11 S: 9-16-33 disposal: 6	FL. 2913	50 ml	30,25	25,70	24,20	22,70
513	Hexatriacontane PROSYNTH® <i>Hexatriacontane / Hexatriacontano</i> <chem>CH3(CH2)34CH3</chem> <chem>C36H74</chem> $M = 506,98 \text{ g/mol}$ assay (GC) 95% melting range 73–76 °C	WG. 2901	10 g	28,75	24,45	23,—	21,55
649	1-Hexene PROSYNTH® /1A <i>Hexène-(1) / Hexeno-(1)</i> 1 2370 2 <chem>CH3(CH2)3CH=CH2</chem> °C <chem>C6H12</chem> $M = 84,16 \text{ g/mol}$ $1 \text{ L} \approx 0,67 \text{ kg}$ assay (GC) 99% boiling range 63–65 °C refractive index (n_D^{20}) 1,388  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	16,50	14,05	13,20	12,40
650	2-Hexene PROSYNTH® mixture of cis- and trans-isomers /1A <i>Hexène-(2) / Hexeno-(2)</i> 2 1993 2 <chem>CH3CH2CH2CH=CHCH3</chem> °C <chem>C6H12</chem> $M = 84,16 \text{ g/mol}$ $1 \text{ L} \approx 0,68 \text{ kg}$ assay (GC) 99% boiling range 67–69 °C refractive index (n_D^{20}) 1,398  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	108,50	92,25	86,80	81,40
018	cis-2-Hexene PROSYNTH® /1A <i>cis-2-Hexène / cis-2-Hexeno</i> 2 1993 2 <chem>CH3CH2CH2CH=CHCH3</chem> °C <chem>C6H12</chem> $M = 84,16 \text{ g/mol}$ $1 \text{ L} \approx 0,68 \text{ kg}$ assay (GC) 99% boiling range 68–78 °C refractive index (n_D^{20}) 1,398  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	45,—	38,25	36,—	33,75
019	trans-2-Hexene PROSYNTH® /1A <i>trans-2-Hexène / trans-2-Hexeno</i> 2 1993 2 <chem>CH3CH2CH2CH=CHCH3</chem> °C <chem>C6H12</chem> $M = 84,16 \text{ g/mol}$ $1 \text{ L} \approx 0,68 \text{ kg}$ assay (GC) 99% boiling range 65–67 °C refractive index (n_D^{20}) 1,394  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	33,75	28,70	27,—	25,30
020	trans-3-Hexene PROSYNTH® /1A <i>trans-3-Hexène / trans-3-Hexeno</i> 2 1993 2 <chem>CH3CH2CH=CHCH2CH3</chem> 9 °C <chem>C6H12</chem> $M = 84,16 \text{ g/mol}$ $1 \text{ L} \approx 0,68 \text{ kg}$ assay (GC) 99% boiling range 66–68 °C refractive index (n_D^{20}) 1,394  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	62,—	52,70	49,60	46,50

Code-Number
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Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(192 Boxes)

64078 2-Hexene-(1)-al PROSYNTH®
A 3/3 *Hexène-(2)-al-(1) / Hexeno-(2)-al-(1)*
C 3.3 1987 2 CH3(CH2)2CH=CHCHO
+30°C C6H10O $M = 98,14 \text{ g/mol}$ 1 L \approx 0,85 kg
assay (GC) 99%
boiling range (at 23 mbar) 45–47 °C
refractive index (n_D^{20}) 1,446
R: 10 disposal: 14

FL.
2911

5 ml 34,50 29,35 27,60 25,90

65021 2-Hexene-4-ol PROSYNTH® mixture of cis- and trans-isomers
A 3/1A *Hexène-2-ol-4 / Hexeno-2-ol-4*
C 3.2 1987 2 CH3CH2CH(OH)CH=CH2
+11°C C6H12O $M = 100,16 \text{ g/mol}$ 1 L \approx 0,84 kg
assay (GC) 99%
boiling range 134–136 °C
refractive index (n_D^{20}) 1,434

FL.
2904

10 ml 43,75 37,20 35,— 32,80



R: 11 S: 9-16-33
disposal: 6

63857 5-Hexene-1-ol PROSYNTH®
A 3/3 *Hexène-(5)-ol-(1) / Hexeno-(5)-ol-(1)*
C 3.3 1987 2 HOCH2CH2CH2CH2CH=CH2
+30°C C6H12O $M = 100,16 \text{ g/mol}$ 1 L \approx 0,84 kg
assay (GC) 97%
boiling range (at 15 mbar) 54–56 °C
refractive index (n_D^{20}) 1,435
R: 10 disposal: 6

FL.
2904

5 ml 75,50 64,20 60,40 56,65

Hexene-(1)-on-(5) see Allylacetone

n-Hexoic acid see n-Caproic acid

64588 Hexyl acetate PROSYNTH®
A 3/3 *Hexyle acétate / Hexilo acetato*
C 3.3 1993 2 CH3COO(CH2)5CH3
+41°C C8H18O2 $M = 144,21 \text{ g/mol}$ 1 L \approx 0,87 kg
assay (GC) 97%
boiling range 167–170 °C
refractive index (n_D^{20}) 1,409
R: 10 disposal: 6

FL.
2914

500 ml 20,25 17,20 16,20 15,60

Hexylalcohol see Hexanol-(1)

62655 Hexylamine PROSYNTH®
A 8/35 *Hexylamine / Hexilamina*
C 3.3 2733 2 CH3(CH2)5NH2
23°C C6H15N $M = 101,19 \text{ g/mol}$ 1 L \approx 0,76 kg
assay (GC) 99%
boiling range 128–130 °C
refractive index (n_D^{20}) 1,420

FL.
2922

100 ml 10,— 8,50 8,— 7,50



R: 10-36/37/38 S: 28
disposal: 19

60476 4-Hexylbenzaldehyde PROSYNTH®
C 3.3 1989 2 *4-Hexylbenzaldehyde / 4-Hexilbenzaldehydo*
+54°C CH3(CH2)5C6H4CHO
C13H18O $M = 190,28 \text{ g/mol}$ 1 L \approx 0,94 kg
assay (GC) 99%
R: 10 disposal: 14

FL.
FL.
2911



25 ml 181,— 153,85 144,80 135,75
1 L 4669,— 3968,65 3735,20 3595,15

Hexylbenzene see 1-Phenylhexane

Hexyl cyanide see Enanthonitrile

Hexyleneglycol see 2-Methylpentanediol-(2,4)

n-Hexyl iodide see 1-Iodohehexane

e-Number D/ADR SVE/GGVs DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
18	4-Hexylresorcinol (4-Hexylresorcin) N. F. XIV <i>4-Hexylrésorcinol / 4-Hexilresorcina</i> $C_6H_3(OH)_2C_6H_{13}[1,3,4]$ $C_{12}H_{18}O_2$ $M = 194,27$ g/mol	BL. FTP. 2906	1 kg 10 kg	438,— price on request	372,30	350,40	337,25
52	Hexyne-(1) PROSYNTH® <i>Hexyne-(1) / Hexino-(1)</i> $CH_3(CH_2)_3C \equiv CH$ C_6H_{10} $M = 82,15$ g/mol assay (GC) 99% boiling range 71–73 °C refractive index (n_D^{20}) 1,399  R: 11 S: 9-16-33 disposal: 6	FL. 2901	100 ml	120,—	102,—	96,—	90,—
53	Hexyne-(2) PROSYNTH® <i>Hexyne-(2) / Hexino-(2)</i> $CH_3CH_2CH_2C \equiv CCH_3$ C_6H_{10} $M = 82,15$ g/mol assay (GC) 98% boiling range 82–84 °C refractive index (n_D^{20}) 1,414  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	82,50	70,15	66,—	61,90
54	Hexyne-(3) PROSYNTH® <i>Hexyne-(3) / Hexino-(3)</i> $CH_3CH_2C \equiv CCH_2CH_3$ C_6H_{10} $M = 82,15$ g/mol assay (GC) 99% boiling range 80–82 °C refractive index (n_D^{20}) 1,412	FL. 2901	25 ml	53,—	45,05	42,40	39,75
High-Pressure Liquid Chromatography (HPLC)							
937	HPLC-glass column length 30 cm pre-packed with silica gel 60 0,010 mm (10 µm)	9025	1 pack	186,—			
939	HPLC-glass column length 30 cm pre-packed with silica gel 60 C ₈ -reverse phase 0,010 mm (10 µm)	9025	1 pack	186,—			
938	HPLC-glass column length 15 cm pre-packed with silica gel 60 0,010 mm (10 µm)	9025	1 pack	147,50			
940	HPLC-glass column length 15 cm pre-packed with silica gel 60 C ₈ -reverse phase 0,010 mm (10 µm)	9025	1 pack	147,50			
941	HPLC-glass column length 30 cm pre-packed with silica gel 60 C ₁₈ -reverse phase 0,010 mm (10 µm)	9025	1 pack	186,—			
942	HPLC-glass column length 15 cm pre-packed with silica gel 60 C ₁₈ -reverse phase 0,010 mm (10 µm)	9025	1 pack	147,50			
943	HPLC-glass column length 30 cm pre-packed with silica gel 60 CN 0,010 mm (10 µm)	9025	1 pack	186,—			
944	HPLC-glass column length 15 cm pre-packed with silica gel 60 CN 0,010 mm (10 µm)	9025	1 pack	147,50			
945	HPLC-glass column length 30 cm pre-packed with silica gel 60 NO ₂ 0,010 mm (10 µm)	9025	1 pack	186,—			
946	HPLC-glass column length 15 cm pre-packed with silica gel 60 NO ₂ 0,010 mm (10 µm)	9025	1 pack	147,50			
947	HPLC-glass column length 30 cm pre-packed with silica gel 60 NH ₂ 0,010 mm (10 µm)	9025	1 pack	186,—			

Code-Number
A) RID/ADR
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C) IMDG-CODE (GGVS-see)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

39948	HPLC-glass column length 15 cm pre-packed with silica gel 60 NH ₂ 0,010 mm (10 µm)	9025	1 pack	147,50				
37990	HPLC-column unit complete according to K. W. Stahl <i>Colonne-HPLC / Columna-HPLC</i>	7017	1 pack	price on request				
39965	HPLC-glass column empty, 30 cm, for steel jacket	9025	1 pack	45,—	38,25	36,—	33,7	
39964	HPLC-glass column empty, 15 cm, for steel jacket	9025	1 pack	41,25	35,05	33,—	30,9	
39963	Kit of capillary connecting tubes and T connection 1/16" for steel jacket of HPLC-glass column	9025	1 pack	164,—				
39960	Steel jacket for HPLC-glass column length 30 cm	9025	1 pack	458,—				
39961	Steel jacket for HPLC-glass column length 15 cm	9025	1 pack	426,—				
39962	Kit of gaskets for steel jacket of HPLC-glass column	9025	1 pack	27,25				
	High vacuum grease see Silicone TLC high vacuum grease							
63515	Hippuric acid PROSYNTH® <i>Acide hippurique / Acido hipúrico</i> <chem>C6H5CONHCH2COOH</chem> <chem>C6H5NO3</chem> <i>M</i> = 179,18 g/mol assay (alkalimetric) 99% melting range 187—189 °C	WG. 2925	250 g	51,50	43,80	41,20	38,6	
39210	Histamine dihydrochloride BIOSYNTH® <i>Histamine dichlorhydrate / Histamina diclorhidrato</i> <chem>NHCH=NCH=CCH2CH2NH2 · 2HCl</chem> <chem>C6H11Cl2N3</chem> <i>M</i> = 184,07 g/mol assay (ex Cl) 99% melting range 247—249 °C	WG. 2935	10 g	80,—	68,—	64,—	60,—	
39015	L(-)-Histidine BIOSYNTH® <i>L(-)-Histidine / L(-)-Histidina</i> <chem>NHCH=NCH=CCH2CH(NH2)COOH</chem> <chem>C6H9N3O2</chem> <i>M</i> = 155,16 g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c = 1 in H ₂ O) -39,4° ± 2°	WG. 2935	25 g	20,50	17,45	16,40	15,4	
39016	L(+)-Histidine monohydrochloride monohydrate BIOSYNTH® <i>L(+)-Histidine monochlorhydrate monohydraté / L(+)-Histidina monoclorhidrato monohidrato</i> <chem>NHCH=NCH=CCH2CH(NH2)COOH · HCl · H2O</chem> <chem>C6H10ClN3O2 · H2O</chem> <i>M</i> = 209,63 g/mol assay (ex Cl) 99% specific rotation ($[\alpha]_D^{20}$; c = 11 in HCl 6 mol/l) +9,3° ± 0,4°	WG. 2935	50 g	27,75	23,60	22,20	20,8	
	HMDS see Hexamethydisilazane							
10568	Holmium powder <i>Holmium / Holmio</i> Ho <i>M</i> = 164,93 g/mol assay 99%	WG. 2805	1 g	32,50	27,65	26,—	24,40	
10578	Holmium(III) chloride <i>Holmium(III) chlorure / Holmio(III) cloruro</i> <chem>HoCl3</chem> <i>M</i> = 271,29 g/mol assay 99%	FL. 2852	1 g	75,—	63,75	60,—	56,20	

a-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
69	Holmium fluoride	FL. 2852	1 g	27,75	23,60	22,20	20,80
2811 3	<i>Holmium fluorure / Holmio fluoruro</i> HoF ₃ M = 221,93 g/mol						
570	Holmium oxide	WG. 2852	10 g	82,50	70,15	66,—	61,90
	<i>Holmium oxyde / Holmio óxido</i> Ho ₂ O ₃ M = 377,86 g/mol						
215	DL-Homocysteine BIOSYNTH®	WG. 2931	1 g	64,—	54,40	51,20	48,—
	<i>DL-Homocystéine / DL-Homocisteína</i> HOOCCH(NH ₂)CH ₂ CH ₂ SH C ₄ H ₉ NO ₂ S M = 135,19 g/mol assay (ex N) 99% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
216	DL-Homocysteine thiolactone hydrochloride BIOSYNTH®	WG. 2931	25 g	46,25	39,30	37,—	34,70
	<i>DL-Homocystéine thiolactone chlorhydrate /</i> <i>DL-Homocisteína tiolactona clorhidrato</i> SCH ₂ CH ₂ CH(NH ₂)CO · HCl C ₄ H ₈ ClNOS M = 153,63 g/mol						
	Homopyrocatechol see Methylpyrocatechol						
205	DL-Homoserine BIOSYNTH®	WG. 2923	10 g	130,—	110,50	104,—	97,50
	<i>DL-Homosérine / DL-Homoserina</i> HOCH ₂ CH ₂ CH(NH ₂)COOH C ₄ H ₉ NO ₃ M = 119,12 g/mol assay (titration) 97%						
204	L-Homoserine BIOSYNTH®	FL. 2923	1 g	137,50	116,90	110,—	103,15
	<i>L-Homosérine / L-Homoserina</i> HOCH ₂ CH ₂ CH(NH ₂)COOH C ₄ H ₉ NO ₃ M = 119,12 g/mol						
248	Homovanillinic acid R. G.	FL. 2916	1 g	40,25	34,20	32,20	30,20
	<i>Acide homovanillinique / Acido homovainillínico</i> HOC ₆ H ₃ (OCH ₃)CH ₂ COOH C ₉ H ₁₀ O ₄ M = 182,18 g/mol						
	Homoveratronitrile see Veratryl cyanide						
	Homoveratrum acid see 3,4-Dimethoxyphenylacetic acid						
3516	Homoveratrylamine PROSYNTH®	FL. 2923	50 ml	42,25	35,90	33,80	31,70
8/35	<i>Homoveratrylamine / Homoveratrilamina</i> (CH ₃ O) ₂ C ₆ H ₃ CH ₂ CH ₂ NH ₂ C ₁₀ H ₁₅ NO ₂ M = 181,23 g/mol 1 L ≈ 1,09 kg assay (ex N) 98% boiling range (at 20 mbar) 186—188 °C refractive index (n _D ²⁰) 1,546						
8 1760 2							
	Horne's compound see Lead acetate basic for sugar analysis according to Horne						
379	Hyaluronic acid BIOSYNTH® origin: human umbilical cord	2935	1 pack	193,—	164,05	154,40	144,75
	<i>Acide hyaluronique / Acido hialurónico</i> package of 50 mg (C ₁₄ H ₂₁ NO ₁₀) _n M = (363,32) _n g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						

Code-Number

A) RID/ADR

B) GGVE/GGVS

C) IMDG-CODE (GGVSee)

Type of package

B.T.N.

Price per
package DM

1x

6x







24x





96x

(1 Box)

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39380	Hyaluronic acid potassium salt BIOSYNTH® origin: human umbilical cord <i>Acide hyaluronique sel potassique / Acido hialurónico sal potásica</i> package of 100 mg (C ₁₄ H ₂₀ KNO ₁₀) _n M = (401,41) _n g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera Hyamine C see Tissue solubilizer	2935	1 pack	68,—	57,80	54,40	51,—
56016	Hyamine® 10 X for scintillation <i>Hyamine® 10 X / Hyamine® 10 X</i> ® = trade mark of Rohm & Haas Comp., USA C ₂₈ H ₄₄ ClNO ₂ M = 462,11 g/mol	WG. 2924	500 g	80,50	68,45	64,40	62,—
65023	Hydantoic acid PROSYNTH® <i>Acide hydantoinique / Acido hidantoinico</i> NH ₂ CONHCH ₂ COOH C ₃ H ₆ N ₂ O ₃ M = 118,09 g/mol assay 97%	WG. 2925	100 g	49,50	42,10	39,60	37,15
62656	Hydantoin PROSYNTH® <i>Hydantoïne / Hidantoína</i> NHCONHCOCH ₂ C ₃ H ₄ N ₂ O ₂ M = 100,08 g/mol assay (ex N) 99% melting range 218—220 °C	WG. 2925	25 g	15,50	13,20	12,40	11,65
34800 A 3/5 C 3.2 1230 2 +11 °C	HYDRANAL® solvent solvents for modified Karl Fischer titration   R: 11-23/25 S: 2-7-16-24 disposal: 5	FL. 3819	1 L	46,50	39,55	37,20	35,80
34802 A 3/5 C 3.2 1230 2 +11 °C	HYDRANAL® standard methanol of 5,00 mg water/ml   R: 11-23/25 S: 2-7-16-24 disposal: 5	FL. 2904	500 ml	27,25	23,15	21,80	21,—
34803	HYDRANAL® standard sodium tartrat sodium tartrat dihydrate of 15,66 % ± 0,05 % water assay min. 99% water content 15,66 ± 0,05 % pH range (5 %, 20 °C) 7—9 ammonium (NH ₄) max. 0,005 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,0005 % heavy metals (as Pb) max. 0,0005 % chloride (Cl) max. 0,001 % phosphate (PO ₄) max. 0,001 % sulphate (SO ₄) max. 0,005 %	PF. 2916	500 g	43,75	37,20	35,—	33,70
34801 A 3/5 C 3.2 1230 2 +11 °C	HYDRANAL® titrant titration medium for modified Karl Fischer titration   R: 11-23/25 S: 2-7-16-24 disposal: 5	FL. 3819	1 L	46,50	39,55	37,20	35,80
62657	Hydratropic acid PROSYNTH® <i>Acide hydratropique / Acido hidratrópico</i> C ₉ H ₅ CH(CH ₃)COOH C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (GC) 95 % boiling range 257—260 °C refractive index (n _D ²⁰) 1,523 1 L ≈ 1,10 kg	FL. 2914	5 ml	35,—	29,75	28,—	26,25

20	Hydrazine dichloride <i>Hydrazine dichlorhydrate / Hidracinio diclorhidrato</i> $\text{NH}_2\text{NH}_2 \cdot 2\text{HCl}$ $(\text{N}_2\text{H}_6)\text{Cl}_2 \quad M = 104,97 \text{ g/mol}$ assay 99% residue on ignition 0,05%  <div>R: 23/24/25 S: 44 disposal: 10</div>	PF. PF. 2828	100 g 1 kg	11,— 70,50	9,35 59,95	8,80 56,40	8,25 54,30
22 34 2030 2	Hydrazine hydrate solution about 24% <i>Hydrazine hydrate en solution / Hidracinio hidrato en solución</i> $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{O}$ $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O} \quad M = 50,06 \text{ g/mol}$ <div>1 L \approx 1,01 kg</div>  <div>R: 24/25-34 S: 26 disposal: 19</div>	PF. PK. STP. 2828	1 L 5 L 30 kg	18,75 69,50 price on request	15,95 57,70	15,— 54,20	14,05 52,15
412 34 2030 2	Hydrazine hydrate solution about 80% <i>Hydrazine hydrate en solution / Hidracinio hidrato en solución</i> $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{O}$ $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O} \quad M = 50,06 \text{ g/mol}$ <div>1 L \approx 1,03 kg</div>  <div>R: 10-26/27/28-34-40 S: 36/37/39-45 disposal: 10</div>	PF. PF. PF. STP. 2828	250 ml 500 ml 1 L 30 kg	14,75 23,75 43,75 price on request	12,55 20,20 37,20	11,80 19,— 35,—	11,05 17,80 33,70
	Hydrazinium hydroxide solution see Hydrazine hydrate solution						
235	Hydrazinium sulphate R. G., Reag. ACS <i>Hydrazine sulfate / Hidracinio sulfato</i> $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{SO}_4$ $\text{H}_6\text{N}_2\text{O}_4\text{S} \quad M = 130,12 \text{ g/mol}$ assay min. 99% residue on ignition (as sulphates) max. 0,05% insoluble in water max. 0,005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005%  <div>R: 23/24/25 S: 44 disposal: 10</div>	PF. PF. PF. 2828	100 g 250 g 1 kg	10,50 19,75 65,50	8,95 16,80 55,70	8,40 15,80 52,40	7,90 14,80 50,45
2658	Hydrazobenzene PROSYNTH® <i>Hydrazobenzène / Hidrazobenceno</i> $\text{C}_6\text{H}_5\text{NHNHC}_6\text{H}_5$ $\text{C}_{12}\text{H}_{12}\text{N}_2 \quad M = 184,24 \text{ g/mol}$ assay 98% melting range 123—126 °C	WG. 2929	100 g	30,—	25,50	24,—	22,50
3234	Hydrindantin dihydrate R. G. <i>Hydrindantine dihydrate / Hidrindantina dihidrato</i> $\text{COC}_6\text{H}_4\text{COC}(\text{OH})\text{C}(\text{OH})\text{COC}_6\text{H}_4\text{CO} \cdot 2\text{H}_2\text{O}$ $\text{C}_{18}\text{H}_{10}\text{O}_6 \cdot 2\text{H}_2\text{O} \quad M = 358,30 \text{ g/mol}$	WG. 2913	25 g	52,50	44,65	42,—	39,40
3517 3/3 3.3 1993 2 47 °C	Hydrindene PROSYNTH® <i>Hydrindène / Hidrindeno</i> $\text{C}_8\text{H}_4\text{CH}_2\text{CH}_2\text{CH}_2$ $\text{C}_9\text{H}_{10} \quad M = 118,18 \text{ g/mol}$ <div>1 L \approx 0,96 kg</div> assay (GC) 98% boiling range 176—178 °C refractive index (n_D^{20}) 1,537 <div>R: 10 disposal: 6</div>	FL. 2901	100 ml	49,25	41,85	39,40	36,95

Code-Number
A) RID/ADR
B) GGVE/GGVs
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96

(1 Box)

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(16 Boxes)

30311 Hydriodic acid min. 67% R. G.

A 8/5 *Acide iodhydrique / Acido yodhidrico*

C 8 1787 2 HJ M = 127,91 g/mol 1 L ≈ 1,97 kg

assay of HI min. 67%
residue on ignition (as sulphates) max. 0,01%
arsenic (As) max. 0,0001%
lead (Pb) max. 0,00005%
cadmium (Cd) max. 0,00005%
iron (Fe) max. 0,0002%
copper (Cu) max. 0,00005%
zinc (Zn) max. 0,00005%
chloride and bromide (as Cl) max. 0,02%
phosphorus compounds (as PO₄) max. 0,001%
sulphate (SO₄) max. 0,002%
alkoxy groups passes test

FL.

FL.

2901

	50 ml	24,25	20,60	19,40	18,25
250 ml	97,50	82,90	78,—	73,—	

30330 Hydriodic acid 57% R. G., stabilized with hypophosphorous acid

A 8/5 *Acide iodhydrique / Acido yodhidrico*

C 8 1787 2 HJ M = 127,91 g/mol 1 L ≈ 1,70 kg

assay of HI min. 57%
stabilizer (H₃PO₂) max. 0,5%
non-volatile matter max. 0,5%
arsenic (As) max. 0,0001%
iron (Fe) max. 0,0002%
heavy metals (as Pb) max. 0,0005%
chloride and bromide (as Cl) max. 0,02%
sulphate (SO₄) max. 0,002%

FL.

FL.

FL.

2813

	100 ml	29,—	24,65	23,20	21,7
250 ml	65,50	55,70	52,40	49,1	
1 L	222,—	188,70	177,60	170,9	



R: 34 S: 26
disposal: 1

03206 Hydriodic acid

A 8/5 *Acide iodhydrique / Acido yodhidrico*

C 8 1787 2 HJ M = 127,91 g/mol 1 L ≈ 1,70 kg



R: 34 S: 26
disposal: 1

FL.

FL.

STP.

2813

	250 ml	43,—	36,55	34,40	32,25
1 L	142,—	120,70	113,60	109,35	
45 kg		price on request			

64079 Hydrobenzamide PROSYNTH®

Hydrobenzamide / Hidrobenzamida

C₆H₅CH(N=CHC₆H₅)₂
C₂₁H₁₅N₂ M = 298,39 g/mol

assay (as N) 98%
melting range 99—101 °C

WG.

2922

	10 g	27,75	23,60	22,20	20,80
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02205 Hydrobromic acid about 63%

A 8/5 *Acide bromhydrique / Acido bromhidrico*

C 8 1788 2 HBr M = 80,91 g/mol 1 L ≈ 1,73 kg

assay 63%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,0005%
sulphate (SO₄) 0,005%



R: 34-37 S: 7/9-26
disposal: 1

FL.

FL.

FL.

2813

	250 ml	16,—	13,60	12,80	12,—
1 L	48,—	40,80	38,40	36,95	
2,5 L	105,—	87,15	81,90	78,75	

30204 Hydrobromic acid about 48% R. G., Reag. ACS, Reag. ISO

A 8/5 *Acide bromhydrique / Acido bromhidrico*

C 8 1788 2 HBr M = 80,91 g/mol 1 L ≈ 1,49 kg

assay min. 48%
residue on ignition (as sulphates) max. 0,002%
arsenic (As) max. 0,00005%
lead (Pb) max. 0,00005%
cadmium (Cd) max. 0,00005%
iron (Fe) max. 0,0001%
copper (Cu) max. 0,00005%
selenium (Se) max. 0,00001%
zinc (Zn) max. 0,00005%
chloride (Cl) max. 0,02%
iodide (I) max. 0,002%
phosphate (PO₄) max. 0,0002%
sulphate and sulphite (as SO₄) max. 0,003%






R: 34-37 S: 7/9-26
disposal: 1

FL.

FL.

2813

	250 ml	18,75	15,95	15,—	14,05
1 L	53,—	45,05	42,40	40,80	

e-Number D/ADR VE/GGVs DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
204 5 1788 2	Hydrobromic acid about 48% <i>Acide bromhydrique / Acido bromhídrico</i> HBr $M = 80,91 \text{ g/mol}$ $1 \text{ L} \approx 1,49 \text{ kg}$ assay 48–49% residue on ignition (as sulphates) 0,005% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% sulphate and sulphite (as SO ₄) 0,005%  R: 34-37 S: 7/9-26 disposal: 1 Hydrobromic acid in acetic glacial see Hydrogen bromide	FL. FL. FL. STP. 2813	500 ml 1 L 2,5 L 90 kg price on request	21,50 39,25 85,50	18,30 33,35 70,95	17,20 31,40 66,70	16,55 30,20 64,15
221 5 1789 2	Hydrochloric acid min. 37% R. G., Reag. ISO, Reag. Ph. Eur. I <i>Acide chlorhydrique / Acido clorhídrico</i> HCl $M = 36,46 \text{ g/mol}$ $1 \text{ L} \approx 1,19 \text{ kg}$ assay min. 37% residue on ignition (as sulphates) max. 0,0005% ammonium (NH ₄) max. 0,0001% arsenic (As) max. 0,000001% lead (Pb) max. 0,000005% cadmium (Cd) max. 0,000001% calcium (Ca) max. 0,0002% iron (Fe) max. 0,00005% copper (Cu) max. 0,000005% zinc (Zn) max. 0,00001% free chlorine (Cl) max. 0,00005% sulphate (SO ₄) max. 0,0001% sulphite (SO ₃) max. 0,0002%  R: 34-37 S: 2-26 disposal: 1	FL. FL. FPF. FPF. FPF. FPF. 2806	1 L 2,5 L 30 kg 65 kg 5x 10x kg kg kg kg	12,— 20,50 kg kg 2,35 2,25	10,20 17,— 3,50 2,50	9,35 16,—	8,90 15,40
219 5 1789 2	Hydrochloric acid min. 37% R. G., for determination of mercury HCl $M = 36,46 \text{ g/mol}$ $1 \text{ L} \approx 1,19 \text{ kg}$ assay min. 37% residue on ignition (as sulphates) max. 0,0005% ammonium (NH ₄) max. 0,0001% arsenic (As) max. 0,000001% lead (Pb) max. 0,000005% cadmium (Cd) max. 0,000001% calcium (Ca) max. 0,0002% iron (Fe) max. 0,00005% copper (Cu) max. 0,000005% mercury (Hg) max. 0,0000005% zinc (Zn) max. 0,00001% free chlorine (Cl) max. 0,00005% sulphate (SO ₄) max. 0,0001% sulphite (SO ₃) max. 0,0002%  R: 34-37 S: 2-26 disposal: 1	FL. 2806	2,5 L	27,—	22,40	21,05	20,25

Code-Number

A) RID/ADR

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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

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(1 Box)

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17932 Hydrochloric acid min. 37% MOS PURANAL®
A 8/5 particle class 1
C 8 1789 2 Acide chlorhydrique / Acido clorhidrico

HCl M = 36,46 g/mol

1 L = 1,19 kg

assay	min. 37%
residue of ignition (as sulphates)	max. 5 ppm
aluminium (Al)	max. 0,05 ppm
antimony (Sb)	max. 0,01 ppm
arsenic (As)	max. 0,01 ppm
barium (Ba)	max. 0,1 ppm
beryllium (Be)	max. 0,01 ppm
lead (Pb)	max. 0,02 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,01 ppm
calcium (Ca)	max. 0,2 ppm
chromium (Cr)	max. 0,01 ppm
iron (Fe)	max. 0,2 ppm
gallium (Ga)	max. 0,02 ppm
gold (Au)	max. 0,02 ppm
indium (In)	max. 0,02 ppm
potassium (K)	max. 0,1 ppm
cobalt (Co)	max. 0,01 ppm
copper (Cu)	max. 0,01 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,01 ppm
molybdenum (Mo)	max. 0,01 ppm
sodium (Na)	max. 0,5 ppm
nickel (Ni)	max. 0,01 ppm
platinum (Pt)	max. 0,02 ppm
silver (Ag)	max. 0,02 ppm
strontium (Sr)	max. 0,02 ppm
thallium (Tl)	max. 0,02 ppm
titanium (Ti)	max. 0,01 ppm
vanadium (V)	max. 0,01 ppm
bismuth (Bi)	max. 0,02 ppm
zinc (Zn)	max. 0,05 ppm
tin (Sn)	max. 0,02 ppm
zirconium (Zr)	max. 0,01 ppm
free chlorine (Cl)	max. 0,5 ppm
sulphate (SO ₄)	max. 1 ppm
sulphite (SO ₃)	max. 2 ppm





R: 34-37 S: 2-26
disposal: 1

FL.
2806

2,5 L

price on request

ID-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM			
		1x	6x	24x	96x
			(1 Box)	(4 Boxes)	(16 Boxes)

823	Hydrochloric acid min. 37%, PURANAL® <i>Acide chlorhydrique / Acido clorhídrico</i>	FL. FPF. 2806	2,5 L 30 kg	price on request price on request	
1789 2	HCl $M = 36,46$ g/mol 1 L \approx 1,19 kg assay min. 37% residue on ignition (as sulphates) max. 5 ppm aluminium (Al) max. 0,05 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm Boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,2 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,5 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm free chlorine (Cl) max. 0,5 ppm sulphate (SO ₄) max. 1 ppm sulphite (SO ₃) max. 2 ppm <div>  <div> R: 34-37 S: 2-26 disposal: 1 </div> </div>				
102	Hydrochloric acid 37% chem. pure <i>Acide chlorhydrique / Acido clorhídrico</i>	FL. FL. FPF. FPF. FPF. FPF. 2806	1 L 2,5 L 30 kg 65 kg 5x 10x	11,75 19,— kg kg kg kg	10,— 15,75 2,75 2,45 2,25 2,10
1789 2	HCl $M = 36,46$ g/mol 1 L \approx 1,19 kg assay 37% residue on ignition 0,0005% arsenic (As) 0,00001% iron (Fe) 0,0001% heavy metals (as Pb) 0,0005% sulphate (SO ₄) 0,0002% <div>  <div> R: 34-37 S: 2-26 disposal: 1 </div> </div>				
720	Hydrochloric acid 32%, R. G. <i>Acide chlorhydrique / Acido clorhídrico</i>	FL. FL. FPF. FPF. 2806	1 L 2,5 L 65 kg 5x	12,— 20,50 kg kg	10,20 17,— 2,50 2,35
1789 2	HCl $M = 36,46$ g/mol 1 L \approx 1,16 kg assay 31,9—32,1% residue on ignition max. 0,0005% ammonium (NH ₄) max. 0,0003% arsenic (As) max. 0,000001% lead (Pb) max. 0,000005% cadmium (Cd) max. 0,000001% calcium (Ca) max. 0,0002% iron (Fe) max. 0,00005% copper (Cu) max. 0,000005% zinc (Zn) max. 0,00001% free chlorine (Cl) max. 0,00005% sulphate (SO ₄) max. 0,0001% sulphite (SO ₃) max. 0,0005% <div>  <div> R: 34-37 S: 2-26 disposal: 1 </div> </div>				

Code-Number

A) RID/ADR

B) GGVE/GGVs

C) IMDG-CODE (GGVSee)

Type of package
B.T.N.
Price per
package DM
1x
6x
24x
96x

(1 Box)

(4 Boxes)

(16 Boxes)

17863 Hydrochloric acid min. 32%, PURANAL®
Acide chlorhydrique / Acido clorhídrico

A 8/5

C 8 1789 2

HCl M = 36,46 g/mol

1 L ≈ 1,16 kg

assay min. 32%
 residue on ignition (as sulphates) max. 5 ppm
 aluminium (Al) max. 0,05 ppm
 antimony (Sb) max. 0,01 ppm
 arsenic (As) max. 0,01 ppm
 barium (Ba) max. 0,1 ppm
 beryllium (Be) max. 0,01 ppm
 lead (Pb) max. 0,02 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,01 ppm
 calcium (Ca) max. 0,2 ppm
 chromium (Cr) max. 0,01 ppm
 iron (Fe) max. 0,2 ppm
 gallium (Ga) max. 0,02 ppm
 gold (Au) max. 0,02 ppm
 indium (In) max. 0,02 ppm
 potassium (K) max. 0,1 ppm
 cobalt (Co) max. 0,01 ppm
 copper (Cu) max. 0,01 ppm
 lithium (Li) max. 0,02 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,01 ppm
 molybdenum (Mo) max. 0,01 ppm
 sodium (Na) max. 0,5 ppm
 nickel (Ni) max. 0,01 ppm
 platinum (Pt) max. 0,02 ppm
 silver (Ag) max. 0,02 ppm
 strontium (Sr) max. 0,02 ppm
 thallium (Tl) max. 0,02 ppm
 titanium (Ti) max. 0,01 ppm
 vanadium (V) max. 0,01 ppm
 bismuth (Bi) max. 0,02 ppm
 zinc (Zn) max. 0,05 ppm
 tin (Sn) max. 0,02 ppm
 zirconium (Zr) max. 0,01 ppm
 free chlorine (Cl) max. 0,5 ppm
 sulphate (SO₄) max. 1 ppm
 sulphite (SO₃) max. 2 ppm


R: 34-37 S: 2-26
disposal: 1

FL.
FPF.
FPF.
2806

2,5 L
30 kg
65 kg

price on request
price on request
price on request

07115 Hydrochloric acid 32% chem. pure
Acide chlorhydrique / Acido clorhídrico

A 8/5

C 8 1789 2

HCl M = 36,46 g/mol

1 L ≈ 1,16 kg

assay 32%
 residue on ignition 0,0005%
 iron (Fe) 0,0001%
 free chlorine (Cl) 0,0001%


R: 34-37 S: 2-26
disposal: 1

FL.
FPF.
FPF.
FPF.
2806

2,5 L
65 kg
5x
10x

price on request
kg 2,45
kg 2,25
kg 2,10

30723 Hydrochloric acid min. 25% R. G.
Acide chlorhydrique / Acido clorhídrico

A 8/5

C 8 1789 2

HCl M = 36,46 g/mol

1 L ≈ 1,12 kg








assay min. 25%
 residue on ignition max. 0,0005%
 ammonium (NH₄) max. 0,0003%
 arsenic (As) max. 0,000001%
 lead (Pb) max. 0,000005%
 cadmium (Cd) max. 0,000001%
 calcium (Ca) max. 0,0002%
 iron (Fe) max. 0,00005%
 copper (Cu) max. 0,000005%
 zinc (Zn) max. 0,00001%
 free chlorine (Cl) max. 0,00005%
 sulphate (SO₄) max. 0,0001%
 sulphite (SO₃) max. 0,0005%


R: 34-37 S: 2-26
disposal: 1

FL.
2806

1 L

12,— 10,20 9,35 8,90

E-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
04	Hydrochloric acid 25% chem. pure DAB 6 <i>Acide chlorhydrique / Acido clorhídrico</i>	FL.	1 L	10,50	8,95	8,20	7,75
5		FL.	2,5 L	17,75	14,75	13,85	13,30
1789 2	HCl $M = 36,46$ g/mol $1\text{ L} \approx 1,12$ kg	FPF.	30 kg	kg	2,75		
	assay 25%	FPF.	65 kg	kg	2,45		
	residue on ignition 0,0005%	FPF.	5x	kg	2,25		
	arsenic (As) 0,00001%	FPF.	10x	kg	2,10		
	iron (Fe) 0,0001%	2806					
	heavy metals (as Pb) 0,0005%						
	sulphate (SO ₄) 0,0002%						
	 R: 34-37 S: 2-26 disposal: 1						
72	0,01 mol Hydrochloric acid FIXANAL® 0,3646 g HCl for 1 L 0,01 N solution <i>0,01 mol Acide chlorhydrique / 0,01 mol Acido clorhídrico</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,55
89	$\frac{1}{28}$ mol Hydrochloric acid FIXANAL® 1,302 g HCl for 1 L $\frac{1}{28}$ N solution <i>$\frac{1}{28}$ mol Acide chlorhydrique / $\frac{1}{28}$ mol Acido clorhídrico</i> ampoule	3819	1 pack	16,25	13,80	13,—	12,20
	 R: 35 S: 2-26-30 disposal: 1						
80	0,1 mol Hydrochloric acid FIXANAL® 3,646 g HCl for 1 L 0,1 N solution <i>0,1 mol Acide chlorhydrique / 0,1 mol Acido clorhídrico</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,55
1789 2							
87	0,2 mol Hydrochloric acid FIXANAL® 7,292 g HCl for 1 L 0,2 N solution <i>0,2 mol Acide chlorhydrique / 0,2 mol Acido clorhídrico</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
1789 2							
	 R: 36/38 S: 2-28 disposal: 1						
85	0,5 mol Hydrochloric acid FIXANAL® 18,231 HCl for 1 L 0,5 N solution <i>0,5 mol Acide chlorhydrique / 0,5 mol Acido clorhídrico</i> bottle	3819	1 pack	10,25	8,70	8,20	7,70
1789 2							
	 R: 36/38 S: 2-28 disposal: 1						
82	1 mol Hydrochloric acid FIXANAL® 36,461 HCl for 1 L 1 N solution <i>1 mol Acide chlorhydrique / 1 mol Acido clorhídrico</i> ampoule	3819	1 pack	11,25	9,55	9,—	8,45
1789 2							
	 R: 36/38 S: 2-28 disposal: 1						
81	2 mol Hydrochloric acid FIXANAL® 72,922 g HCl = 2 equivalents <i>2 mol Acide chlorhydrique / 2 mol Acido clorhídrico</i> bottle	3819	1 pack	19,50	16,60	15,60	14,65
1789 2							
	 R: 36/38 S: 2-28 disposal: 1						
83	10 mol Hydrochloric acid FIXANAL® 364,61 HCl = 10 equivalents <i>10 mol Acide chlorhydrique / 10 mol Acido clorhídrico</i> bottle	3819	1 pack	43,—	36,55	34,40	32,25
1789 2							
	 R: 36/38 S: 2-28 disposal: 1						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM









1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(128 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM			
			1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (128 Boxes)
35335	Hydrochloric acid 0,1 mol/l 0,1 N volumetric solution Ph. Eur. I <i>Acide chlorhydrique 0,1 mol/l / Acido clorhídrico 0,1 mol/l</i> 1 L ≈ 1,00 kg	PF. PK. 3819	1 L 5 L	12,50 46,75	10,65 38,80	9,75 36,45
35329	Hydrochloric acid 0,5 mol/l 0,5 N volumetric solution Ph. Eur. I <i>Acide chlorhydrique 0,5 mol/l / Acido clorhídrico 0,5 mol/l</i> 1 L ≈ 1,01 kg	PF. 3819	1 L	12,50	10,65	10,—
35328	Hydrochloric acid 1 mol/l 1 N volumetric solution Ph. Eur. I <i>Acide chlorhydrique 1 mol/l / Acido clorhídrico 1 mol/l</i> 1 L ≈ 1,02 kg	PF. PK. 3819	1 L 5 L	12,50 46,75	10,65 38,80	9,75 36,45
09015 A 8/5 C 8 1789 2	Hydrochloric acid-d (20% in D ₂ O) deuteration degree not less than 99,5 atom% D <i>Acide chlorhydrique-d / Acido clorhídrico-d</i> DCI M = 37,45 g/mol 1 L ≈ 1,20 kg	FL. 2851	25 ml	62,—	52,70	49,60
34618 C 3.2 1993 2 +23°C	Hydrochloric acid-alcohol (0,75% hydrochloric acid in ethanol 60% by weight) <i>Acide chlorhydrique-alcool / Acido clorhídrico-alcohol</i> 1 L ≈ 0,90 kg	FL. 3819	250 ml	18,50	15,75	14,80
62683 A 3/4 +95°C	Hydrocinnamaldehyde PROSYNTH® <i>Aldéhyde hydrocinnamique / Aldehído hidrocinámico</i> C ₆ H ₅ CH ₂ CH ₂ CHO C ₉ H ₁₀ O M = 134,18 g/mol 1 L ≈ 1,01 kg assay (GC) 98% boiling range (at 17 mbar) 102—104 °C refractive index (n _D ²⁰) 1,523	FL. 2911	100 ml	43,25	36,75	34,60
62684	Hydrocinnamic acid PROSYNTH® <i>Acide hydrocinnamique / Acido hidrocinámico</i> C ₆ H ₅ CH ₂ CH ₂ COOH C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (HPLC) 99% melting range 47—50 °C	PF. 2914	100 g	46,75	39,75	37,40
Hydrofluoric acid 100% see Hydrogen fluoride						
01019 A 8/6C C 8 1790 1	Hydrofluoric acid 81—85% technical <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M = 20,01 g/mol 1 L ≈ 1,20 kg assay 83% fluorosilicic acid (H ₂ SiF ₆) 0,3% sulphate (SO ₄) 0,03%	F. 2813	210 kg	price on request		
01018	Hydrofluoric acid 76—80% technical <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M = 20,01 g/mol 1 L ≈ 1,24 kg assay 78% fluorosilicic acid (H ₂ SiF ₆) 0,3% sulphate (SO ₄) 0,03%	2813				

-Number /ADR VE/GGVs OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
22 6C 1790 1	Hydrofluoric acid 71—75% technical <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M=20,01 g/mol 1 L ≈ 1,23 kg assay 73% fluorosilicic acid (H ₂ SiF ₆) 0,3% sulphate (SO ₄) 0,03%   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PF. PK. STP. F. 2813	1 L 5 L 60 kg 210 kg	16,50 61,50 price on request price on request	14,05 51,05 price on request price on request	13,20 47,95 price on request price on request	12,70 46,15 price on request price on request
870 /6C 1790 1	Hydrofluoric acid 70% PURANAL® <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M=20,01 g/mol 1 L ≈ 1,23 kg assay min. 70% residue of ignition (as sulphates) max. 5 ppm aluminium (Al) max. 0,05 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,05 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,5 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,1 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm chloride (Cl) max. 5 ppm fluorosilicic acid (H ₂ SiF ₆) max. 50 ppm nitrate (NO ₃) max. 5 ppm phosphate (PO ₄) max. 0,5 ppm sulphate (SO ₄) max. 1 ppm sulphite (SO ₃) max. 2 ppm   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PK. 2813	5 L	price on request			
1016 8/6D 1790 2	Hydrofluoric acid 51—55% technical <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M=20,01 g/mol 1 L ≈ 1,18 kg assay 53% fluorosilicic acid (H ₂ SiF ₆) 0,02% sulphate (SO ₄) 0,01%   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PF. FPF. 2813	1 L 60 kg	14,75 price on request	12,55 price on request	11,80 price on request	11,35 price on request
7928 8/6D 1790 2	Hydrofluoric acid 50%, MOS PURANAL® particle class 0—2 <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M=20,01 g/mol 1 L ≈ 1,16 kg analytical data on request   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PK. 2813	5 L	price on request			

Code-Number
 A) RID/ADR
 B) GGVE/GGVS
 C) IMDG-CODE (GGVSee)

Type of package
 B.T.N.

Price per package DM 1x 6x 24x 96x
 (1 Box) (4 Boxes) (16 Boxes)

17912 Hydrofluoric acid 50% PURANAL®
A 8/6B Acide fluorhydrique / Acido fluorhidrico
C 8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,16 kg

assay 49,5–50,5%
 residue on ignition
 (as sulphates) max. 5 ppm
 aluminium (Al) max. 0,05 ppm
 antimony (Sb) max. 0,01 ppm
 arsenic (As) max. 0,05 ppm
 barium (Ba) max. 0,1 ppm
 beryllium (Be) max. 0,01 ppm
 lead (Pb) max. 0,02 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,01 ppm
 calcium (Ca) max. 0,5 ppm
 chromium (Cr) max. 0,01 ppm
 iron (Fe) max. 0,1 ppm
 gallium (Ga) max. 0,02 ppm
 gold (Au) max. 0,02 ppm
 indium (In) max. 0,02 ppm
 potassium (K) max. 0,1 ppm
 cobalt (Co) max. 0,01 ppm
 copper (Cu) max. 0,01 ppm
 lithium (Li) max. 0,02 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,01 ppm
 molybdenum (Mo) max. 0,01 ppm
 sodium (Na) max. 0,2 ppm
 nickel (Ni) max. 0,01 ppm
 platinum (Pt) max. 0,02 ppm
 silver (Ag) max. 0,02 ppm
 strontium (Sr) max. 0,02 ppm
 thallium (Tl) max. 0,02 ppm
 titanium (Ti) max. 0,1 ppm
 vanadium (V) max. 0,01 ppm
 bismuth (Bi) max. 0,02 ppm
 zinc (Zn) max. 0,05 ppm
 tin (Sn) max. 0,02 ppm
 zirconium (Zr) max. 0,01 ppm
 chloride (Cl) max. 5 ppm
 fluorosilicic acid (H₂SiF₆) max. 50 ppm
 nitrate (NO₃) max. 5 ppm
 phosphate (PO₄) max. 0,5 ppm
 sulphate (SO₄) max. 1 ppm
 sulphite (SO₃) max. 2 ppm



R: 26/27/28-35 S: 7/9-26-36/37-45
 disposal: 27

PK.
 2813

5 L price on request

17887 Hydrofluoric acid 49% PURANAL®
A 8/6D Acide fluorhydrique / Acido fluorhidrico
C 8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,16 kg

analytical data on request



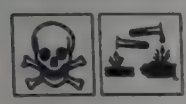
R: 26/27/28-35 S: 7/9-26-36/37-45
 disposal: 27

PF.
 2813

5 L price on request

107 Hydrofluoric acid 48% R. G., Reag. ACS, Reag. ISO
8/6D Acide fluorhydrique / Acido fluorhidrico

8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,16 kg
assay min. 48%
fluorosilicic acid (H₂SiF₆) max. 0,005%
residue on ignition
(as sulphates) max. 0,0005%
arsenic (As) max. 0,000005%
lead (Pb) max. 0,00001%
cadmium (Cd) max. 0,00001%
iron (Fe) max. 0,00005%
copper (Cu) max. 0,00001%
nickel (Ni) max. 0,00001%
zinc (Zn) max. 0,00001%
chloride (Cl) max. 0,0005%
phosphate (PO₄) max. 0,0001%
sulphate (SO₄) max. 0,0005%
sulphite (SO₃) max. 0,0005%

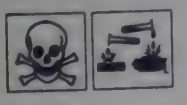


R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PF.	500 ml	15,75	13,40	12,60	12,15
PF.	1 L	26,—	22,10	20,80	20,—
PK.	5 L	96,—	79,70	74,90	72,—
FPF.	60 kg	kg	12,—		
2813					

7868 Hydrofluoric acid 48%, PURANAL®
8/6D Acide fluorhydrique / Acido fluorhidrico

8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,16 kg
assay min. 48%
residue of ignition
(as sulphates) max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,05 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 5 ppm
fluorosilicic acid (H₂SiF₆) max. 50 ppm
nitrate (NO₃) max. 5 ppm
phosphate (PO₄) max. 0,5 ppm
sulphate (SO₄) max. 1 ppm
sulphite (SO₃) max. 2 ppm

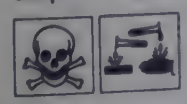


R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PK.	5 L	price on request
FPF.	60 kg	price on request
F.	215 kg	price on request
2813		

1012 Hydrofluoric acid 40—45% technical
8/6D Acide fluorhydrique / Acido fluorhidrico

8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,14 kg
assay 41%
fluorosilicic acid (H₂SiF₆) 0,02%
sulphate (SO₄) 0,01%



R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PF.	1 L	14,25	12,10	11,40	10,95
PK.	5 L	53,—	44,—	41,35	39,75
FPF.	60 kg		price on request		
2813					

Code-Number
A) RID/ADR
B) GGVE, GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

30103 Hydrofluoric acid 40% R. G., Reag. ISO, Reag. Ph. Eur. I

A 8/6D *Acide fluorhydrique / Acido fluorhídrico*

C 8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,14 kg

assay min. 40%
fluorosilicic acid (H₂SiF₆) max. 0,005%
residue on ignition
(as sulphates) max. 0,0005%
arsenic (As) max. 0,000005%
lead (Pb) max. 0,00001%
cadmium (Cd) max. 0,00001%
iron (Fe) max. 0,00005%
copper (Cu) max. 0,00001%
nickel (Ni) max. 0,00001%
zinc (Zn) max. 0,00001%
chloride (Cl) max. 0,0005%
phosphate (PO₄) max. 0,0001%
sulphate (SO₄) max. 0,0005%
sulphite (SO₃) max. 0,0005%



R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PF.	500 ml	13,25	11,25	10,60	10,2
PF.	1 L	21,50	18,30	17,20	16,5
PK.	5 L	86,50	71,80	67,45	64,9
FPF.	60 kg	kg	9,30		

2813

17867 Hydrofluoric acid 40%, PURANAL®

A 8/6D *Acide fluorhydrique / Acido fluorhídrico*

C 8 1790 2 HF M = 20,01 g/mol 1 L ≈ 1,14 kg










assay min. 40%
residue of ignition
(as sulphates) max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,05 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 5 ppm
fluorosilicic acid (H₂SiF₆) max. 50 ppm
nitrate (NO₃) max. 5 ppm
phosphate (PO₄) max. 0,5 ppm
sulphate (SO₄) max. 1 ppm
sulphite (SO₃) max. 2 ppm



R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

PK.	5 L	price on request
FPF.	60 kg	price on request
F.	215 kg	price on request

2813

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(64 Boxes)	
011 /6D 1790 2	Hydrofluoric acid 40% chem. pure <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M = 20,01 g/mol 1 L ≈ 1,14 kg assay 40% fluorosilicic acid (H ₂ SiF ₆) 0,02% arsenic (As) 0,00001% iron (Fe) 0,0001% heavy metals (as Pb) 0,0001% chloride (Cl) 0,0005% sulphate (SO ₄) 0,0005% sulphite (SO ₃) 0,0005%   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PF. PK. FPF. 2813	1 L 5 L 60 kg	19,— 73,— price on request	16,15 60,60 price on request	15,20 56,95 price on request	14,65 54,75 price on request
039 /6D 1790 2	Hydrofluoric acid 40% pure <i>Acide fluorhydrique / Acido fluorhídrico</i> HF M = 20,01 g/mol 1 L ≈ 1,14 kg assay 40% fluorosilicic acid (H ₂ SiF ₆) 0,03% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% sulphate (SO ₄) 0,01% sulphite (SO ₃) 0,015%   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PF. FPF. 2813	1 L 60 kg	16,25 price on request	13,80 price on request	13,— price on request	12,50 price on request
0956 3/6D 3 1760 2	Hydrofluoric acid/nitric acid/phosphoric acid-etching mixture PURANAL® <i>Acide fluorhydrique/acide nitrique/acide phosphorique-mélange d'attaque / Acido fluorhídrico/acido nítrico/acido fosfórico-mezcla cáustica</i>   R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27	PK. 3813	5 L	price on request			
Hydrofluoroboric acid see Fluoroboric acid Hydrofluorosilicic acid see Fluorosilicic acid Hydrofurfuramide see Furfuramide							
2201 8/5 3 1760 2	Hydrogen bromide min. 33% in acetic acid glacial <i>Hydrogène bromure / Hidrógeno bromuro</i> HBr M = 80,91 g/mol 1 L ≈ 1,42 kg  R: 34-37 S: 7/9-26 disposal: 1	FL. 3819	500 ml	42,25	35,90	33,80	32,55
1006	Hydrogen fluoride (Hydrofluoric acid 100%) <i>Hydrogène fluorure / Hidrógeno fluoruro</i> HF M = 20,01 g/mol 1 L ≈ 1,00 kg	KWG. 3819	15 t	price on request			
1472 8/6A 3 1790 1	Hydrogen fluoride 70% solution in pyridine PROSYNTH® <i>Hydrogène fluorure / Hidrógeno fluoruro</i> HF M = 20,01 g/mol 1 L ≈ 1,14 kg   R: 11-26/27/28 S: 7/9-29-45 disposal: 27	PF. 2813	100 ml	72,—	61,20	57,60	54,—

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

61473 Hydrogen fluoride 37% solution in triethylamine

A 8/6B PROSYNTH®

C 3.2 1993 2 Hydrogène fluorure / Hidrógeno fluoruro

- 5°C HF M = 20,01 g/mol

assay 37%



R: 11-26/27/28 S: 7/9-29-45
disposal: 27

PF.
2813

100 ml 72,— 61,20 57,60 54

17937 Hydrogen peroxide MOS PURANAL® 30% by weight H₂O₂,

A 8/41B particle class 0--2

C 5.1 2014 2 Hydrogène peroxyde / Hidrógeno peróxido

H₂O₂ M = 34,01 g/mol 1 L ≈ 1,13 kg




assay min. 30%
non-volatile matter max. 50 ppm
free acid (as H₂SO₄) max. 40 ppm
aluminium (Al) max. 0,5 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 0,5 ppm
phosphate (PO₄) max. 1 ppm
sulphate (SO₄) max. 2 ppm
total nitrogen (N) max. 3 ppm





R: 34 S: 28-39
disposal: 8

PF.
2854

1 L price on request

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	
48 41B 1 2014 2	Hydrogen peroxide PURANAL® 30% by weight H₂O₂ <i>Hydrogène peroxyde / Hidrógeno peróxido</i> H ₂ O ₂ M = 34,01 g/mol 1 L ≈ 1,11 kg assay min. 30% non-volatile matter max. 50 ppm free acid (as H ₂ SO ₄) max. 40 ppm aluminium (Al) max. 0,5 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm chloride (Cl) max. 0,5 ppm phosphate (PO ₄) max. 1 ppm sulphate (SO ₄) max. 2 ppm total nitrogen (N) max. 3 ppm  R: 34 S: 28-39 disposal: 8	PF. 2854	1 L	price on request			
304 41B 1 2014 2	Hydrogen peroxide chem. pure 35% by weight H₂O₂ <i>Hydrogène peroxyde / Hidrógeno peróxido</i> H ₂ O ₂ M = 34,01 g/mol 1 L ≈ 1,13 kg assay 35% non-volatile matter 0,3% residue on ignition 0,005% heavy metals (as Pb) 0,0002%  R: 34 S: 28-39 disposal: 8	PF. PK. FPF. 2854	1 L 5 L 60 kg	13,25 49,25 kg	11,25 40,90 2,95	10,60 38,40	10,20 36,95
616	Hydrogen peroxide R. G. see PERDROGEN® Hydroquinone chem. pure Erg. B. 6 <i>Hydroquinone / Hidroquinona</i> C ₆ H ₄ (OH) ₂ [1,4] C ₆ H ₆ O ₂ M = 110,11 g/mol assay 99,5% melting range 171–173 °C sulphated ash 0,1% heavy metals (as Pb) 0,01% chloride (Cl) 0,05% sulphate (SO ₄) 0,03%  R: 20/22 S: 2-24/25-39 disposal: 6	PF. PF. PF. S. 2906	250 g 1 kg 2,5 kg 25 kg	13,50 38,75 85,50	11,50 32,95 70,95	10,80 31,— 66,70	10,15 29,85 64,15 price on request

Code Number A) RID: ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
60182	Hydroquinone dimethyl ether PROSYNTH® <i>Ether diméthylrique de l'hydroquinone / Eter dimetilico de hidroquinona</i> <chem>Cc1ccc(Oc2ccc(C)cc2)cc1</chem> <chem>C6H10O2</chem> $M = 138,17$ g/mol assay (GC) 99% melting range 54–56 °C	PF. 2908	500 g	62,—	52,70	49,60	47,7
60184	Hydroquinone monobenzyl ether PROSYNTH® <i>Ether monobenzylrique de l'hydroquinone / Eter monobencilico de hidroquinona</i> <chem>Cc1ccc(Oc2ccccc2)cc1</chem> <chem>C13H12O2</chem> $M = 200,24$ g/mol assay (GC) 98% melting range 118–119 °C	WG. 2908	250 g	300,—	255,—	240,—	225,—
60185	Hydroquinone monomethyl ether PROSYNTH® <i>Ether monométhylrique de l'hydroquinone / Eter monometilico de hidroquinona</i> <chem>Cc1ccc(Oc2ccccc2)cc1</chem> <chem>C7H8O2</chem> $M = 124,14$ g/mol assay (GC) 99% melting range 53–55 °C	WG. 2908	500 g	66,50	56,55	53,20	51,2
	Hydroxyacetaldehyde see Glycolaldehyde						
65148 A 3/4 C 3.3 1993 2 +58 °C	2-Hydroxyacetaldehyde diethylacetal PROSYNTH® <i>2-Hydroxyacétaldéhyde diéthylacétal / 2-Hidroxiacetaldehido dietilacetal</i> <chem>CCOC(=O)C(O)C(=O)OCC</chem> <chem>C6H14O3</chem> $M = 134,17$ g/mol $1\text{ L} \approx 0,98$ kg assay (GC) 95% boiling range (at 13 mbar) 66–69 °C refractive index (n_D^{25}) 1,414	FL. 2910	100 ml	131,—	111,35	104,80	98,2
	Hydroxyacetic acid see Glycollic acid						
65022	Hydroxyacetone 50% in water PROSYNTH® <i>Hydroxyacétone / Hidroxiacetóna</i> <chem>CC(=O)CO</chem> <chem>C3H6O2</chem> $M = 74,08$ g/mol $1\text{ L} \approx 1,07$ kg	FL. 2913	100 ml	63,50	54,—	50,80	47,65
62660	2-Hydroxyacetophenone PROSYNTH® <i>2-Hydroxyacétophénone / 2-Hidroxiacetofenona</i> <chem>CC(=O)c1ccccc1O</chem> <chem>C8H8O2</chem> $M = 136,15$ g/mol $1\text{ L} \approx 1,13$ kg assay (GC) 97% boiling range (at 16 mbar) 90–93 °C refractive index (n_D^{20}) 1,558	FL. 2913	100 ml	19,50	16,60	15,60	14,65
62661	4-Hydroxyacetophenone PROSYNTH® <i>4-Hydroxyacétophénone / 4-Hidroxiacetofenona</i> <chem>CC(=O)c1ccc(O)cc1</chem> <chem>C8H8O2</chem> $M = 136,15$ g/mol assay (GC) 98% melting range 108–110 °C	PF. 2913	100 g	21,50	18,30	17,20	16,15
	2-Hydroxy-1-acetylbenzene see 2-Hydroxyacetophenone						
	4-Hydroxy-1-acetylbenzene see 4-Hydroxyacetophenone						
	4-Hydroxyanilinium chloride see 4-Aminophenol hydrochloride						
64625	4-Hydroxyazobenzene PROSYNTH® <i>Hydroxy-4-azobenzène / 4-Hidroxiiazobenceno</i> <chem>Nc1ccc(N=Nc2ccccc2)cc1</chem> <chem>C12H10N2O</chem> $M = 198,22$ g/mol assay (ex N) 97% melting range 151–154 °C	WG. 2928	25 g	25,—	21,25	20,—	18,76

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
91	5-Hydroxybarbituric monohydrate PROSYNTH® <i>Acide 5-hydroxybarbiturique monohydraté / Acido 5-hidroxibarbitúrico monohidrato</i> $\text{NHCONHCOCHOHCO} \cdot \text{H}_2\text{O}$ $\text{C}_4\text{H}_4\text{N}_2\text{O}_4 \cdot \text{H}_2\text{O}$ $M = 162,10 \text{ g/mol}$ assay (alkalimetric) 95%	WG. 2935	5 g	59,50	50,60	47,60	44,65
	2-Hydroxybenzaldehyde see Salicylaldehyde						
26	3-Hydroxybenzaldehyde PROSYNTH® <i>3-Hydroxybenzaldéhyde / 3-Hidroxibenzaldehído</i> $\text{HOC}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_6\text{O}_2$ $M = 122,12 \text{ g/mol}$ assay 98% melting range 102–104 °C	PF. 2911	100 g	44,75	38,05	35,80	33,55
65	4-Hydroxybenzaldehyde PROSYNTH® <i>Hydroxy-4-benzaldéhyde / 4-Hidroxibenzaldehído</i> $\text{HOC}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_6\text{O}_2$ $M = 122,12 \text{ g/mol}$ assay 98% melting range 114–116 °C	PF. 2911	250 g	58,50	49,75	46,80	43,90
	Hydroxybenzene see Phenol						
18	2-(4'-Hydroxybenzeneazo)benzoic acid PROSYNTH® <i>Acide 2-(4'-hydroxybenzèneazo)benzoïque / Acido 2-(4'-hidroxibencenoazo)benzóico</i> $\text{HOC}_6\text{H}_4\text{N}=\text{NC}_6\text{H}_4\text{COOH}$ $\text{C}_{13}\text{H}_{10}\text{N}_2\text{O}_3$ $M = 242,24 \text{ g/mol}$ assay (alkalimetric) 98% melting range 200–203 °C	WG. 2928	10 g	69,—	58,65	55,20	51,75
24	4-Hydroxybenzenesulphonic acid sodium salt dihydrate PROSYNTH® <i>Acide hydroxy-4-benzènesulfonique sel sodique dihydrate / Acido 4-hidroxibencenosulfónico sal sódica dihidrato</i> $\text{C}_6\text{H}_4(\text{OH})\text{SO}_3\text{Na} \cdot 2\text{H}_2\text{O}$ $\text{C}_6\text{H}_5\text{NaO}_4\text{S} \cdot 2\text{H}_2\text{O}$ $M = 232,19 \text{ g/mol}$ assay (ex N) 99%	WG. 2907	250 g	22,—	18,70	17,60	16,50
33	4-Hydroxybenzoic acid <i>Acide hydroxy-4-benzoïque / Acido 4-hidroxibenzóico</i> $\text{HOC}_6\text{H}_4\text{COOH}$ $\text{C}_7\text{H}_6\text{O}_3$ $M = 138,12 \text{ g/mol}$ assay 99% melting range 214–216 °C sulphated ash 0,05%	PF. 2916	500 g	32,75	27,85	26,20	25,20
25	4-Hydroxybenzonitrile PROSYNTH® <i>4-Hydroxybenzonitrile / 4-Hidroxibenzonitrilo</i> $\text{HOC}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_5\text{NO}$ $M = 119,12 \text{ g/mol}$ assay (HPLC) 97% melting range 110–112 °C	FL. FL. 2927	† 5 g 100 g	8,50 58,—	7,25 49,30	46,40	43,50
1 2811 2	 R: 23/24/25 S: 44 disposal: 15						
669	4-Hydroxybenzophenone PROSYNTH® <i>4-Hydroxybenzophénone / 4-Hidroxibenzofenona</i> $\text{HOC}_6\text{H}_4\text{COC}_6\text{H}_5$ $\text{C}_{13}\text{H}_{10}\text{O}_2$ $M = 198,22 \text{ g/mol}$ assay (HPLC) 99% melting range 132–134 °C	PF. 2913	100 g	72,—	61,20	57,60	54,—
	 R: 23/24/25 S: 44 disposal: 6						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM


1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96 (16 Boxes)
39260	1-Hydroxybenzotriazole BIOSYNTH® <i>1-Hydroxybenzotriazole / 1-Hidroxibenzotriazol</i> <chem>C5H4N(OH)N=N</chem> <chem>C5H5N3O</chem> $M = 135,13$ g/mol	WG. 2935	10 g	30,75	26,15	24,60	23,1
61471	2-Hydroxybenzotrifluoride PROSYNTH® <i>2-Hydroxybenzotrifluorure / 2-Hidroxibenzotrifluoruro</i> <chem>HOC6H4CF3</chem> <chem>C7H5F3O</chem> $M = 162,11$ g/mol	2935					
61362 A 6.1/23 C 6.1 2810 2	3-Hydroxybenzotrifluoride PROSYNTH® <i>3-Hydroxybenzotrifluorure / 3-Hidroxibenzotrifluoruro</i> <chem>HOC6H4CF3</chem> <chem>C7H5F3O</chem> $M = 162,11$ g/mol 1 L \approx 1,35 kg assay (GC) 98% boiling range 177–179 °C refractive index 1,458	FL. 2902	100 ml	189,—	160,65	151,20	141,1
62670	2-Hydroxybenzyl alcohol PROSYNTH® <i>Alcool hydroxy-2-benzylque / Alcohol 2-hidroxibencilico</i> <chem>HOC6H4CH2OH</chem> <chem>C7H8O2</chem> $M = 124,14$ g/mol assay 99% melting range 84–86 °C	PF. 2906	100 g	51,50	43,80	41,20	38,6
64629	4-Hydroxybenzyl alcohol PROSYNTH® <i>Alcool hydroxy-4-benzylque / Alcohol 4-hidroxibencilico</i> <chem>HOC6H4CH2OH</chem> <chem>C7H8O2</chem> $M = 124,14$ g/mol assay 97% melting range 113–115 °C	WG. 2906	25 g	77,50	65,90	62,—	58,1
	α -Hydroxybenzyl phenyl ketone see Benzoin						
35798	2-Hydroxybiphenyl min. 99% PESTANAL® <i>Hydroxy-2-biphenyle / 2-Hidroxibifenilo</i> <chem>C6H5C6H4OH</chem> <chem>C12H10O</chem> $M = 170,21$ g/mol	FL. 2906	1 g	19,50	16,60	15,60	14,6
65191 160 °C	4-Hydroxybiphenyl PROSYNTH® <i>Hydroxy-4-biphényle / 4-Hidroxibifenilo</i> <chem>C6H5C6H4OH</chem> <chem>C12H10O</chem> $M = 170,21$ g/mol assay (GC) 98% melting range 162–165 °C	PF. 2906	1 kg	price on request			
	Hydroxybutanedioic acid see Malic acid						
62671	3-Hydroxybutanone-(2) (dimer) PROSYNTH® <i>3-Hydroxybutanone-(2) / 3-Hidroxibutanona-(2)</i> <chem>[CH3COCH(OH)CH3]2</chem> <chem>(C4H8O2)2</chem> $M = 176,21$ g/mol Schmelzbereich 100–103 °C assay (GC) 98% melting range 100–103 °C	PF. 2913	100 g	30,75	26,15	24,60	23,0
	2-Hydroxy-1-tert.-butylbenzene see 2-tert.-Butylphenol						
	4-Hydroxy-1-tert.-butylcyclohexane see 4-tert.-Butylcyclohexanol						
63527	2-Hydroxy-iso-butyric acid PROSYNTH® <i>Acide 2-hydroxy-iso-butyrique / Acido 2-hidroxi-iso-butirico</i> <chem>(CH3)2C(OH)COOH</chem> <chem>C4H8O3</chem> $M = 104,11$ g/mol assay (alkalimetric) 99% melting range 77–79 °C	WG. 2916	25 g	19,25	16,35	15,40	14,4


e-Number ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
519	DL-2-Hydroxybutyric acid PROSYNTH® <i>Acide DL-2-hydroxybutyrique / Acido DL-2-hidroxibutirico</i> $\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{COOH}$ $\text{C}_4\text{H}_8\text{O}_3$ $M = 104,11$ g/mol assay (titration) 95%	FL. 2916	5 g	48,—	40,80	38,40	36,—
526	4-Hydroxybutyric acid sodium salt PROSYNTH® <i>Acide 4-hydroxybutyrique sel sodique / Acido 4-hidroxibutirico sal sódica</i> $\text{HO}(\text{CH}_2)_3\text{COONa}$ $\text{C}_4\text{H}_7\text{NaO}_3$ $M = 126,09$ g/mol assay 98% melting range 144—146 °C	WG. 2916	25 g	45,25	38,45	36,20	33,95
506	trans-2-Hydroxycinnamic acid PROSYNTH® <i>Acide trans-2-hydroxycinnamique / Acido trans-2-hidroxicinámico</i> $\text{HOC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_8\text{O}_3$ $M = 164,16$ g/mol assay (alkalimetric) 97% melting range 215—217 °C (disint.)	WG. 2916	5 g	17,25	14,65	13,80	12,95
581	trans-3-Hydroxycinnamic acid PROSYNTH® <i>Acide trans-3-hydroxycinnamique / Acido trans-3-hidroxicinámico</i> $\text{HOC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_8\text{O}_3$ $M = 164,16$ g/mol assay (alkalimetric) 98% melting range 193—195 °C	WG. 2914	10 g	35,—	29,75	28,—	26,25
582	trans-4-Hydroxycinnamic acid PROSYNTH® <i>Acide trans-4-hydroxycinnamique / Acido trans-4-hidroxicinámico</i> $\text{HOC}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_8\text{O}_3$ $M = 164,16$ g/mol assay (alkalimetric) 98% melting range 213—215 °C (disint.)	WG. 2916	10 g	32,25	27,40	25,80	24,20
572	4-Hydroxycoumarin PROSYNTH® <i>4-Hydroxycoumarine / 4-Hidroxicumarina</i> $\text{C}_6\text{H}_4\text{OCOCH}=\text{COH}$ $\text{C}_9\text{H}_6\text{O}_3$ $M = 162,14$ g/mol assay (HPLC) 99% melting range 210—212 °C	PF. 2935	100 g	42,—	35,70	33,60	31,50
 R: 23/24/25 S: 1-13-45 disposal: 10							
α -Hydroxycumene see 2-Phenylpropanol-(2)							
Hydroxycycloheptane see Cycloheptanol							
Hydroxycyclooctane see Cyclooctanol							
Hydroxycyclopentane see Cyclopentanol							
4-Hydroxy-1,3-di-sec.-butylbenzene see 2,4-Di-sec.-butylphenol							
2-Hydroxy-1,3-diisopropylbenzene see 2,6-Di-iso-propylphenol							
2-Hydroxy-1,3-dimethoxybenzene see 2,6-Dimethoxyphenol							
4-Hydroxy-2,5-dimethoxy- α -oxotoluene see Syringaldehyde							
2-Hydroxy-1,4-dioxo-1,4-dihydronaphthalene see 2-Hydroxynaphthoquinone-(1,4)							
1-Hydroxy-1,1-diphenylethane see 1,1-Diphenylethanol							
Hydroxydiphenylmethane see Benzhydrol							


Code-Number
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B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(1 Box)	(4 Boxes)	(16 Boxes)

2-(2-Hydroxy-3,6-disulphonic-1-naphthaleneazo)-phenylarso nic acid disodium salt see Thorin									
1-Hydroxy-2-ethoxybenzene see Guaethol									
63719	N-(2-Hydroxyethyl)aniline PROSYNTH®	FL.	1 L	42,75	36,35	34,20	32,1		
A 6.1/21P	N-(2-Hydroxyéthyl)aniline / N-(2-Hidroxietyl)anilina	2923							
C 6.1 2810 2	<chem>C6H5NHCH2CH2OH</chem> <chem>C6H11NO</chem> M = 137,18 g/mol 1 L ≈ 1,09 kg assay (GC) 98% boiling range 283—285 °C refractive index (n _D ²⁰) 1,579								
64624	Hydroxyethylcellulose PROSYNTH®	PF.	500 g	36,75	31,25	29,40	28,3		
	Hydroxyéthylcellulose / Hidroxietylcelulosa	3903							
63521	N-(2-Hydroxyethyl)cyclohexylamine PROSYNTH®	FL.	250 ml	75,50	64,20	60,40	56,6		
	N-(2-Hydroxyéthyl)cyclohexylamine / N-(2-Hidroxietyl)ciclohexilamina	2922							
	<chem>CH2(CH2)4CHNHCH2CH2OH</chem> <chem>C6H17NO</chem> M = 143,23 g/mol assay (ex N) 98% melting range 33—35 °C								
(2-Hydroxyethyl)dibutylamine see 2-Dibutylaminoethanol									
65024	2-Hydroxyethylhydrazine PROSYNTH®	FL.	100 ml	49,75	42,30	39,80	37,3		
A 8/35	2-Hydroxyéthylhydrazine / 2-Hidroxietylhidracina	2929							
C 8 1719 2	<chem>HOCH2CH2NHNH2</chem> <chem>C2H8N2O</chem> M = 76,10 g/mol 1 L ≈ 1,12 kg assay 97% boiling range (at 1005 mbar) 218—220 °C refractive index (n _D ²⁰) 1,493								
	 R: 23/24/25 S: 44 disposal: 20								
62846	N-(2-Hydroxyethyl)-morpholine PROSYNTH®	FL.	100 ml	14,—	11,90	11,20	10,5		
A 3/4	N-(2-Hydroxyéthyle)-morpholine / N-(2-Hidroxietyl)-	2935							
+99 °C	morfolina								
	<chem>CH2CH2OCH2CH2NCH2CH2OH</chem> <chem>C6H13NO2</chem> M = 131,18 g/mol 1 L ≈ 1,07 kg assay (GC) 98% boiling range 225—227 °C refractive index (n _D ²⁰) 1,476								
63522	N-(2-Hydroxyethyl)piperazine PROSYNTH®	FL.	50 ml	27,75	23,60	22,20	20,8		
	N-(2-Hydroxyéthyl)pipérazine / N-(2-Hidroxietyl)piperacina	2935							
	<chem>CH2CH2NHCH2CH2NCH2CH2OH</chem> <chem>C6H14N2O</chem> M = 130,19 g/mol 1 L ≈ 1,06 kg assay (GC) 98% boiling range 244—246 °C refractive index (n _D ²⁰) 1,506								
63523	2-(2-Hydroxyethyl)pyridine PROSYNTH®	FL.	100 ml	21,50	18,30	17,20	16,1		
	2-(2-Hydroxyéthyl)pyridine / 2-(2-Hidroxietyl)piridina	2935							
	<chem>N=CHCH=CHCH=CHCH2CH2OH</chem> <chem>C7H9NO</chem> M = 123,11 g/mol 1 L ≈ 1,09 kg assay (GC) 98% boiling range (at 20 mbar) 118—121 °C refractive index (n _D ²⁰) 1,537								
2-Hydroxyethyltrimethylammonium chloride see Choline chloride									
4-Hydroxy-1-formylbenzene see 4-Hydroxybenzaldehyde									
2-Hydroxy-1-formylnaphthalene see 2-Hydroxynaphthalenealdehyde-(1)									

e-Number p/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
47	2-Hydroxyhexadecanoic acid PROSYNTH® <i>Acide 2-hydroxyhexadécanoïque / Acido</i> <i>2-hidroxihexadecanóico</i> $\text{CH}_3(\text{CH}_2)_{13}\text{CH}(\text{OH})\text{COOH}$ $\text{C}_{16}\text{H}_{32}\text{O}_3$ $M = 272,43$ g/mol assay (alkalimetric) 98% melting range 84–86 °C	WG. 2916	5 g	87,50	74,40	70,—	65,65
	2-Hydroxy-1-hydroxymethylbenzene see 2-Hydroxybenzyl alcohol 5-Hydroxy-2-hydroxymethyl-4-pyrone see Kojic acid 2-Hydroxy-1-(1'-hydroxy-2'-naphthylazo)-6-nitronaphthalenesulphonic acid-(4)-sodium salt see Eriochrome black T 2-Hydroxy-1-(2-hydroxy-4-sulpho-1-naphthylazo)-3-naphtheic acid see Calcon carboxylic acid 5-Hydroxyindane see 5-Indanol						
525	5-Hydroxyindole PROSYNTH® <i>5-Hydroxyindole / 5-Hidroxiindol</i> $\text{HO}\text{C}_6\text{H}_3\text{NHCH}=\text{CH}$ $\text{C}_8\text{H}_7\text{NO}$ $M = 133,15$ g/mol assay (ex N) 99% melting range 105–107 °C	FL. 2935	1 g	112,50	95,65	90,—	84,40
526	5-Hydroxyindol-3-yl acetic acid PROSYNTH® <i>Acide hydroxy-5-indole-3-acétique / Acido 5-hidroxi-3-indolil acético</i> $\text{HO}\text{C}_6\text{H}_3\text{NHCH}=\text{CCH}_2\text{COOH}$ $\text{C}_{10}\text{H}_9\text{NO}_3$ $M = 191,19$ g/mol assay (alkalimetric) 98% melting range 161–163 °C (disint.)	FL. 2935	1 g	150,—	127,50	120,—	112,50
236	Hydroxylamine salts see Hydroxylammonium salts Hydroxylammonium chloride R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Hydroxylammonium chlorure / Hydroxylammonium chlorure / Hidroxilamonio cloruro</i> $[\text{NH}_3\text{OH}]\text{Cl}$ H_4ClNO $M = 69,49$ g/mol assay min. 99% residue on ignition (as sulphates) max. 0,01 % pH (5%) 2,5–3,5 ammonium (NH_4) max. 0,05 % iron (Fe) max. 0,0005 % copper (Cu) max. 0,0005 % heavy metals (as Pb) max. 0,0005 % sulphate (SO_4) max. 0,002 % arsenic (As) max. 0,0005 %	WG. WG. 2828	100 g 500 g	16,25 59,—	13,80 50,15	13,— 47,20	12,20 45,45
	 R: 23/24/25 S: 2-13-45 disposal: 4						

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C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

33262 **Hydroxylammonium chloride R.G., for determination of mercury, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I**
Hydroxylammonium chlorure / Hidroxilamonio cloruro

[NH₄OH]Cl

H₄CINO M = 69,49 g/mol

assay min. 99%
residue on ignition (as sulphates) max. 0,01%
pH (5%, 20 °C) 2,5—3,5
ammonium (NH₄) max. 0,05%
arsenic (As) max. 0,0005%
iron (Fe) max. 0,0005%
copper (Cu) max. 0,0005%
mercury (Hg) max. 0,000001%
heavy metals (as Pb) max. 0,0005%
sulphate (SO₄) max. 0,002%



R: 23/24/25 S: 2-13-45
disposal: 4

WG.
2828

250 g	45,—	38,25	36,—	33,—
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18414 **Hydroxylammonium chloride chem. pure Erg. B. 6**
Hydroxylammonium chlorure / Hidroxilamonio cloruro

[NH₃OH]Cl

H₄CINO M = 69,49 g/mol

assay 99%
residue on ignition (as sulphates) 0,01%
insoluble in water 0,005%
ammonium (NH₄) 0,05%
arsenic (As) 0,0005%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,002%
sulphate (SO₄) 0,002%



R: 23/24/25 S: 2-13-45
disposal: 4

PF.
PF.
PF.
FTP.
2828

100 g	10,50	8,95	8,40	7,9
500 g	37,75	32,10	30,20	29,0
1 kg	69,—	58,65	55,20	53,—
50 kg	price on request			

33237 **Hydroxylammonium sulphate R. G.**
Hydroxylammonium sulfate / Hidroxilamonio sulfato

[NH₃OH]₂SO₄

H₈N₂O₆S M = 164,14 g/mol

assay min. 99%
insoluble in water max. 0,005%
residue on ignition (as sulphates) max. 0,05%
iron (Fe) max. 0,0005%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%



R: 23/24/25 S: 2-13-45
disposal: 4

PF.
PF.
2828

100 g	15,—	12,75	12,—	11,2
500 g	54,50	46,35	43,60	41,9

18416 **Hydroxylammonium sulphate chem. pure**
Hydroxylammonium sulfate / Hidroxilamonio sulfato

[NH₃OH]₂SO₄

H₈N₂O₆S M = 164,14 g/mol

assay 99%
residue on ignition (as sulphates) 0,05%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,001%



R: 23/24/25 S: 2-13-45
disposal: 4

PF.
PF.
2828

100 g	9,50	8,10	7,60	7,1
500 g	29,—	24,65	23,20	22,3

63529 **DL-4-Hydroxymandelic acid monohydrate PROSYNTH®**
Acide DL-4-hydroxymandélique monohydraté / Acido DL-4-hidroxiámigdálico monohidrato

HOC₆H₄CH(OH)COOH · H₂O

C₈H₈O₄ · H₂O M = 186,16 g/mol

assay (alkalimetric) 99%
melting range 81—83 °C

FL.
2916

1 g	34,50	29,35	27,60	25,9
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e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
89	2-Hydroxy-5-methoxybenzaldehyde PROSYNTH® <i>2-Hydroxy-5-méthoxybenzaldéhyde / 2-Hidroxi-5-metoxibenzaldehido</i> $C_6H_3(CHO)(OH)(OCH_3)$ $C_8H_8O_3$ $M = 152,15$ g/mol $1\text{ L} \approx 1,22$ kg assay (GC) 98% boiling range (at 3,3 mbar) 101–103 °C refractive index (n_D^{20}) 1,579	FL. 2911	10 ml	293,—	249,05	234,40	219,75
	1-Hydroxy-2-methoxybenzene see Guaiacol						
61	2-Hydroxy-4-methoxybenzophenone PROSYNTH® <i>2-Hydroxy-4-méthoxybenzophénone / 2-Hidroxi-4-metoxibenzofenona</i> $C_6H_3(OH)(CH_3O)(COC_6H_5)$ $C_{14}H_{12}O_3$ $M = 228,25$ g/mol assay (HPLC) 99% melting range 63–64 °C	WG. 2913	100 g	32,25	27,40	25,80	24,20
74	2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid PROSYNTH® <i>Acide hydroxy-2-méthoxy-4-benzophénone-5-sulfonique / Acido 2-hidroxi-4-metoxibenzofenona-5-sulfónico</i> $C_6H_5COC_6H_2OH(OCH_3)(SO_3H)$ $C_{14}H_{12}O_6S$ $M = 308,31$ g/mol assay (HPLC) 98%	PF. 2913	100 g	51,—	43,35	40,80	38,25
	6-Hydroxy-3-methoxy-1-tert.-butylbenzene see 2-tert.-Butyl-4-methoxyphenol						
373	4-Hydroxy-3-methoxycinnamic acid PROSYNTH® <i>Acide hydroxy-4-méthoxy-3-cinnamique / Acido 4-hidroxi-3-metoxicinámico</i> $CH_3OC_6H_3(OH)CH=CHCOOH$ $C_{10}H_{10}O_4$ $M = 194,19$ g/mol assay (HPLC) 98% melting range 168–170 °C	WG. 2916	10 g	18,75	15,95	15,—	14,05
382	4-Hydroxy-3-methoxymandelic acid BIOSYNTH® <i>Acide 4-hydroxy-3-méthoxymandélique / Acido 4-hidroxi-3-metoxiamigdálico</i> $CH_3OC_6H_3(OH)CH(OH)COOH$ $C_9H_{10}O_5$ $M = 198,18$ g/mol	FL. 2916	1 g	44,75	38,05	35,80	33,55
530	4-Hydroxy-3-methoxymandelic acid PROSYNTH® <i>Acide 4-hydroxy-3-méthoxymandélique / Acido 4-hidroxi-3-metoxiamigdálico</i> $CH_3OC_6H_3(OH)CH(OH)COOH$ $C_9H_{10}O_5$ $M = 198,18$ g/mol assay (alkalimetric) 99% melting range 131–133 °C	FL. 2916	1 g	42,75	36,35	34,20	32,05
	α-Hydroxy-2-methoxytoluene see 2-Methoxybenzyl alcohol α-Hydroxy-3-methoxytoluene see 3-Methoxybenzyl alcohol						
537	2-Hydroxy-2-methylbutanone-(3) PROSYNTH® <i>2-Hydroxy-2-méthylbutanone-(3) / 2-Hidroxi-2-metilbutanona-(3)</i> $(CH_3)_2C(OH)COCH_3$ $C_5H_{10}O_2$ $M = 102,13$ g/mol $1\text{ L} \approx 0,8$ assay (GC) 139–142 boiling range 1,415 refractive index (n_D^{20})	FL. 2913	100 ml	51,50	43,80	41,20	38,65
3 1224 2 9 °C	3-Hydroxy-1-methyl-4-tert.-butylbenzene see 2-tert.-Butyl-4-methylphenol						

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package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

64080	6-Hydroxy-4-methylcoumarin PROSYNTH® <i>6-Hydroxy-4-méthylcoumarine / 6-Hidroxi-4-metilcumarina</i> $\text{HOC}_6\text{H}_3\text{OCOCH}=\text{CCH}_3$ $\text{C}_{10}\text{H}_8\text{O}_3$ $M = 176,17 \text{ g/mol}$ assay 95% melting range 239–241 °C  R: 23/24/25 S: 1-13-45 disposal: 10 7-Hydroxy-4-methylcoumarin see 4-Methylumbelliferon 1-Hydroxy-3-methylcyclohexane see 3-Methylcyclohexanol 1-Hydroxy-4-methylcyclohexane see 4-Methylcyclohexanol	WG. 2935	5 g	37,75	32,10	30,20	28,–
64081 A 3/4 +80 °C	3-Hydroxymethylheptene-(3) PROSYNTH® mixture of <i>cis</i> - and <i>trans</i> -isomers <i>3-Hydroxyméthylheptène-(3) / 3-Hidroximetilhepteno-(3)</i> $\text{CH}_3\text{CH}_2\text{C}(\text{CH}_2\text{OH})=\text{CHCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_8\text{H}_{16}\text{O}$ $M = 128,21 \text{ g/mol}$ 1 L ≈ 0,84 kg assay (GC) 95% boiling range (at 16 mbar) 68–71 °C refractive index (n_D^{20}) 1,449	FL. 2904	100 ml	32,50	27,65	26,–	24,–
63538	4-(Hydroxymethyl)-imidazole hydrochloride PROSYNTH® <i>4-(Hydroxyméthyl)-imidazole chlorhydrate / 4-(Hidroximetil)-imidazol clorhidrato</i> $\text{NHCH}=\text{NC}(\text{CH}_2\text{OH})=\text{CH} \cdot \text{HCl}$ $\text{C}_4\text{H}_7\text{ClN}_2\text{O}$ $M = 134,57 \text{ g/mol}$ assay (ex N) 95% melting range 106–108 °C 2-Hydroxy-2-methylpentanone-(4) see Diacetone alcohol	FL. 2935	1 g	45,–	38,25	36,–	33,7
63539	N-Hydroxymethylphthalimide PROSYNTH® <i>N-Hydroxyméthylphtalimide / N-Hidroximetilftalimida</i> $\text{COC}_6\text{H}_4\text{CONCH}_2\text{OH}$ $\text{C}_9\text{H}_7\text{NO}_3$ $M = 177,16 \text{ g/mol}$ assay (ex N) 97% melting range 142–145 °C 2-Hydroxy-2-methylpropanoic acid see 2-Hydroxy- <i>iso</i> -butyric acid	WG. 2926	100 g	44,50	37,85	35,60	33,4
63735	4-(Hydroxymethyl)-pyridine PROSYNTH® <i>4-(Hydroxyméthyl)-pyridine / 4-(Hidroximetil)-piridina</i> $\text{N}=\text{CHCH}=\text{C}(\text{CH}_2\text{OH})\text{CH}=\text{CH}$ $\text{C}_6\text{H}_7\text{NO}$ $M = 109,13 \text{ g/mol}$ assay (GC) 98% melting range 53–55 °C	WG. 2935	25 g	59,–	50,15	47,20	44,25
63541 A 6.1/21 C 6.1 2811 2	2-Hydroxy-6-methylpyridine PROSYNTH® <i>2-Hydroxy-6-méthylpyridine / 2-Hidroxi-6-metilpiridina</i> $\text{N}=\text{C}(\text{OH})\text{CH}=\text{CHCH}=\text{CCH}_3$ $\text{C}_6\text{H}_7\text{NO}$ $M = 109,13 \text{ g/mol}$ 1 L ≈ 1,13 kg	WG. 2935	5 g	33,25	28,25	26,60	24,95
63542	3-Hydroxy-2-methyl-1,4-pyrone PROSYNTH® <i>3-Hydroxy-2-méthyl-1-4-pyrone / 3-Hidroxi-2-metil-1,4-pirona</i> $\text{OCH}=\text{CHCOC}(\text{OH})=\text{CCH}_3$ $\text{C}_6\text{H}_6\text{O}_3$ $M = 126,11 \text{ g/mol}$ assay (titration) 98%	WG. 2935	25 g	47,–	39,95	37,60	35,25
64082	2-Hydroxy-4-methylquinoline PROSYNTH® <i>2-Hydroxy-4-méthylquinoléine / 2-Hidroxi-4-metilquinolina</i> $\text{C}_6\text{H}_4\text{N}=\text{C}(\text{OH})\text{CH}=\text{CCH}_3$ $\text{C}_{10}\text{H}_9\text{NO}$ $M = 159,19 \text{ g/mol}$ assay (ex N) 98% melting range 223–226 °C	WG. 2935	250 g	34,50	29,35	27,60	25,90

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30	2-Hydroxymethyltetrahydropyrane PROSYNTH® <i>2-Hydroxyméthyltétrahydropyranne /</i> <i>2-Hidroximetiltetrahidropirano</i> $\text{O}(\text{CH}_2)_4\text{CHCH}_2\text{OH}$ $\text{C}_6\text{H}_{12}\text{O}_2$ $M = 116,16$ g/mol $1 \text{ L} \approx 1,03$ kg assay (GC) 98% boiling range 186–189 °C refractive index (n_D^{20}) 1,458	FL. 2935	250 ml	30,—	25,50	24,—	22,50
031	2-Hydroxymethylthiophene PROSYNTH® <i>2-Hydroxyméthylthiophène / 2-Hidroximetiltiofeno</i> $\text{SCH}=\text{CHCH}=\text{CCH}_2\text{OH}$ $\text{C}_5\text{H}_6\text{OS}$ $M = 114,17$ g/mol $1 \text{ L} \approx 1,21$ kg assay (GC) 98% boiling range 205–207 °C refractive index (n_D^{20}) 1,564	FL. 2935	25 ml	43,75	37,20	35,—	32,80
	2-Hydroxymyristic acid see 2-Hydroxytetradecanoic acid						
674	2-Hydroxy-1-naphthalenealdehyde PROSYNTH® <i>Aldéhyde 2-hydroxynaphtoïque-(1) /</i> <i>2-Hidroxinaftalenaldehydo-(1)</i> $\text{HOC}_{10}\text{H}_6\text{CHO}$ $\text{C}_{11}\text{H}_8\text{O}_2$ $M = 172,18$ g/mol assay (HPLC) 98% melting range 81–83 °C	WG. 2911	100 g	43,75	37,20	35,—	32,80
858	1-Hydroxy-2-naphthalenecarboxylic acid PROSYNTH® <i>Acide 1-hydroxynaphtalèncarboxylique-(2) / Acido</i> <i>1-hidroxinaftalenocarboxílico-(2)</i> $\text{HOC}_{10}\text{H}_6\text{COOH}$ $\text{C}_{11}\text{H}_8\text{O}_3$ $M = 188,18$ g/mol assay (alkalimetric) 98% melting range 203–205 °C (disint.)	WG. 2916	250 g	32,25	27,40	25,80	24,20
675	3-Hydroxy-2-naphthalenecarboxylic acid PROSYNTH® <i>Acide 3-hydroxynaphtalèncarboxylique-(2) / Acido</i> <i>3-hidroxinaftalenocarboxílico-(2)</i> $\text{HOC}_{10}\text{H}_6\text{COOH}$ $\text{C}_{11}\text{H}_8\text{O}_3$ $M = 188,18$ g/mol assay (alkalimetric) 98% melting range 218–221 °C	WG. 2916	500 g	57,—	48,45	45,60	43,90
	3-Hydroxy-2-naphthoic acid anilide see Naphthol AS						
3545	2-Hydroxynaphthoquinone-(1,4) PROSYNTH® <i>2-Hydroxynaphtoquinone-(1-4) / 2-Hidroxinaftoquinona-</i> <i>(1,4)</i> $\text{C}_6\text{H}_4\text{COC(OH)}=\text{CHCO}$ $\text{C}_{10}\text{H}_6\text{O}_3$ $M = 174,16$ g/mol melting range 187–190 °C assay 95%	WG. 2913	25 g	33,25	28,25	26,60	24,95
	5-Hydroxy-1,4-naphthoquinone see Juglone						
	4-[(2-Hydroxynaphthyl)azo]benzenesulphonic acid sodium salt see Tropaeolin 000 No. 1						
	4-Hydroxy-3-nitrophenylarsonic acid see 2-Nitrophenol-4- arsonic acid						
	1-Hydroxy-2-(4'-nitrophenylazo)-3-8-naphthalenedi- sulphonic acid disodium salt see Epsilon blue						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

64083 2-Hydroxy-5-nitrophenyl sulphate dipotassium salt PROSYNTH®

2-Hydroxy-5-nitrophényle sulfate sel dipotassique / 2-Hidroxi-5-nitrofenilo sulfato sal dipotásica

$\text{NO}_2\text{C}_6\text{H}_3(\text{OK})\text{OSO}_3\text{K}$

$\text{C}_6\text{H}_3\text{K}_2\text{NO}_7\text{S}$ $M = 311,35 \text{ g/mol}$

assay 95%

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera

FL.
2921

1 g 119,50 101,60 95,60 89,60

63546 2-Hydroxy-5-nitropyridine PROSYNTH®
A 6.1/21F *2-Hydroxy-5-nitropyridine / 2-Hidroxi-5-nitropiridina*

C 6.1 1661 2 $\text{N} = \text{CHC}(\text{NO}_2) = \text{CHCH} = \text{COH}$

$\text{C}_5\text{H}_4\text{N}_2\text{O}_3$ $M = 140,10 \text{ g/mol}$

melting range 188–190 °C



R: 23/24/25 S: 44
disposal: 20

WG.
2935

10 g 25,50 21,70 20,40 19,10

65032 3-Hydroxy-2-nitropyridine PROSYNTH®
A 6.1/21 *3-Hydroxy-2-nitropyridine / 3-Hidroxi-2-nitropiridina*

C 6.1 2811 2 $\text{N} = \text{CHCH} = \text{CHC}(\text{OH}) = \text{CNO}_2$

$\text{C}_5\text{H}_4\text{N}_2\text{O}_3$ $M = 140,10 \text{ g/mol}$

assay 97%

melting range 69–71 °C



R: 23/24/25 S: 44
disposal: 20

FL.
2935

5 g 28,50 24,25 22,80 21,40

12-Hydroxyoctadecanoic acid see 12-Hydroxystearic acid

α-Hydroxyphenylacetic acid see Mandelic acid

64635 2-Hydroxyphenylacetic acid PROSYNTH®
Acide hydroxy-2-phénylacétique / Acido 2-hidroxifenilacético

$\text{HOC}_6\text{H}_4\text{CH}_2\text{COOH}$

$\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15 \text{ g/mol}$

assay (alkalimetric) 98%

melting range 145–147 °C

WG.
2916

10 g 65,50 55,70 52,40 49,15

62677 4-Hydroxyphenylacetic acid PROSYNTH®
Acide 4-hydroxyphénylacétique / Acido 4-hidroxifenilacético

$\text{HOC}_6\text{H}_4\text{CH}_2\text{COOH}$

$\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15 \text{ g/mol}$

assay (alkalimetric) 99%

melting range 148–151 °C

WG.
2916

10 g 29,— 24,65 23,20 21,75

α-Hydroxyphenyl acetic acid nitrile see
α-Hydroxyphenylacetoneitrile

62676 α-Hydroxyphenylacetoneitrile PROSYNTH®
A 6.1/21 *α-Hydroxyphénylacétonitrile / α-Hidroxifenilacetoneitrilo*

C 6.1 1935 1 $\text{C}_6\text{H}_5\text{CH}(\text{OH})\text{CN}$

$\text{C}_8\text{H}_7\text{NO}$ $M = 133,15 \text{ g/mol}$

1 L ≈ 1,10 kg

assay (ex N) 95%

boiling range 168–170 °C

refractive index (n_D^{20}) 1,532

FL.
2927

100 ml 59,50 50,60 47,60 44,65

2-Hydroxy-1-(4'-phenylazophenylazo)-naphthalene
see Sudan III

1-Hydroxy-1-phenylethane see 1-Phenylethanol

2-Hydroxy-1-phenylethane see 2-Phenylethanol

64636 N-(4-Hydroxyphenyl)glycine PROSYNTH®
N-(Hydroxy-4-phényl)-glycine / N-(4-Hidroxifenil)glicina

$\text{HOC}_6\text{H}_4\text{NHCH}_2\text{COOH}$

$\text{C}_8\text{H}_9\text{NO}_3$ $M = 167,16 \text{ g/mol}$

WG.
2923

100 g 24,75 21,05 19,80 18,55

e-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	

	Hydroxyphenylpropane see Phenylpropanol					
	3-Hydroxy-1-phenylpropene-(1) see Cinnamyl alcohol					
	(±)-2-Hydroxy-2-phenylpropionic acid see DL-Atrolactinic acid hemihydrate					
	3-Hydroxy-2-phenylpropionic acid see DL-Tropic acid					
548	3-(4-Hydroxyphenyl)propionic acid PROSYNTH® <i>Acide 3-(4-hydroxyphényl)propionique / Acido 3-(4-hidroxifenil)propiónico</i> <chem>HOC6H4CH2CH2COOH</chem> <chem>C9H10O3</chem> $M = 166,18$ g/mol assay (alkalimetric) 99% melting range 129–131 °C	WG. 2916	5 g	32,75	27,85	26,20 24,55
084	4-Hydroxyphenylpyruvic acid PROSYNTH® <i>Acide 4-hydroxyphénylpyruvique / Acido 4-hidroxifenilpirúvico</i> <chem>HOC6H4CH2COCOOH</chem> <chem>C9H8O4</chem> $M = 180,16$ g/mol assay (alkalimetric) 99% melting range 218–220 °C	FL. 2916	1 g	22,50	19,15	18,— 16,90
638	1-Hydroxypiperidine PROSYNTH® <i>Hydroxy-1-pipéridine / 1-Hidroxipiperidina</i> <chem>HON(CH2)4CH2</chem> <chem>C5H11NO</chem> $M = 101,15$ g/mol assay 97% melting range 36–39 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	10 g	58,—	49,30	46,40 43,50
827	3-Hydroxypiperidine PROSYNTH® <i>Hydroxy-3-pipéridine / 3-Hidroxipiperidina</i> <chem>HNCH2CHOHCH2CH2CH2</chem> <chem>C5H11NO</chem> $M = 101,15$ g/mol assay 98% melting range 58–62 °C	WG. 2935	10 g	38,25	32,50	30,60 28,70
035	4-Hydroxypiperidine PROSYNTH® <i>Hydroxy-4-pipéridine / 4-Hidroxipiperidina</i> <chem>NHCH2CH2CH(OH)CH2CH2</chem> <chem>C5H11NO</chem> $M = 101,15$ g/mol assay 98% melting range 86–89 °C	WG. 2935	25 g	66,—	56,10	52,80 49,50
014	L(-)-4-Hydroxyproline BIOSYNTH® <i>L(-)-4-Hydroxyproline / L(-)-4-Hidroxiprolina</i> <chem>NHCH2CH(OH)CH2CHCOOH</chem> <chem>C5H9NO3</chem> $M = 131,13$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=4 in H2O) –75° ± 1°	WG. 2935	10 g	30,—	25,50	24,— 22,50
	2-Hydroxypropane-1,2,3-tricarboxylic acid see Citric acid					
	2-Hydroxypropionic acid see Lactic acid					
549	3-Hydroxypropionic acid PROSYNTH® <i>Acide 3-hydroxypropionique / Acido 3-hidroxipropiónico</i> <chem>HOCH2CH2COOH</chem> <chem>C3H6O3</chem> $M = 90,08$ g/mol assay (titration) 95% refractive index (n_D^{20}) 1,448	FL. 2916	25 ml	42,25	35,90	33,80 31,70

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1x 6x 24x 96
(1 Box) (4 Boxes) (16 Boxes)

60311 3-Hydroxypropionitrile PROSYNTH®
A 6.1/21A *3-Hydroxypropionitrile / 3-Hidroxiopropionitrilo*
C 6.1 1935 1 HOCH2CH2CN
C3H5NO $M = 71,08$ g/mol $1\text{ L} \approx 1,04$ kg
assay (GC) 99%
boiling range $225 - 228^\circ\text{C}$
refractive index (n_D^{20}) 1,426



R: 23/24/25 S: 44
disposal: 15

2-Hydroxy-(1)-propionylbenzene see 2-Hydroxypropiophenone

63859 2-Hydroxypropiophenone PROSYNTH®
2-Hydroxypropiophénone / 2-Hidroxiopropiofenona
HOC6H4COC2H5
C9H10O2 $M = 150,18$ g/mol $1\text{ L} \approx 1,11$ kg
assay (GC) 98%
boiling range (at 20 mbar) $113 - 115^\circ\text{C}$
refractive index (n_D^{20}) 1,549

62678 4-Hydroxypropiophenone PROSYNTH®
4-Hydroxypropiophénone / 4-Hidroxiopropiofenona
HOC6H4COC2H5
C9H10O2 $M = 150,18$ g/mol
assay (titration) 98%
melting range $148 - 150^\circ\text{C}$

2-Hydroxypropylamine see 1-Aminopropanol-(2)

3-Hydroxypropylamine see 3-Aminopropanol-(1)

63550 2-(3-Hydroxypropyl)benzimidazole PROSYNTH®
2-(3-Hydroxypropyl)benzimidazole / 2-(3-Hidroxiopropil)benzimidazol
C6H4NHC(CH2CH2CH2OH)=N
C10H12N2O $M = 176,22$ g/mol
melting range $164 - 167^\circ\text{C}$

63551 2-Hydroxypyridine PROSYNTH®
2-Hydroxypyridine / 2-Hidroxiipiridina
N=C(OH)CH=CHCH=CH
C6H5NO $M = 95,10$ g/mol
assay 97%
melting range $104 - 106^\circ\text{C}$

63552 3-Hydroxypyridine PROSYNTH®
3-Hydroxypyridine / 3-Hidroxiipiridina
N=CHC(OH)=CHCH=CH
C6H5NO $M = 95,10$ g/mol
assay 98%
melting range $126 - 128^\circ\text{C}$

63553 4-Hydroxypyridine PROSYNTH®
4-Hydroxypyridine / 4-Hidroxiipiridina
N=CHCH=C(OH)CH=CH
C6H5NO $M = 95,10$ g/mol
assay 95%
water 5%

63554 2-Hydroxypyridine-5-carboxylic acid PROSYNTH®
Acide 2-hydroxypyridine-5-carboxylique / Acido 2-hidroxiipiridina-5-carboxílico
N=C(OH)CH=CHC(COOH)=CH
C6H5NO3 $M = 139,11$ g/mol
assay (alkalimetric) 97%

FL.
2927

500 ml 71,— 60,35 56,80 54,6

FL.
2913

100 ml 53,50 45,50 42,80 40,6

PF.
2913

100 g 23,50 20,— 18,80 17,6

WG.
2935

25 g 24,75 21,05 19,80 18,5

WG.
2935

50 g 35,50 30,20 28,40 26,6

WG.
2935

25 g 22,50 19,15 18,— 16,9

WG.
2935

25 g 44,25 37,60 35,40 33,2

WG.
2935

10 g 28,25 24,— 22,60 21,2

De-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
555 3-Hydroxypyridine-N-oxide PROSYNTH® <i>3-Hydroxypyridine-N-oxyde / 3-Hidroxi piridina-N-óxido</i> $\text{ON}=\text{CHC}(\text{OH})=\text{CHCH}=\text{CH}$ $\text{C}_5\text{H}_5\text{NO}_2$ $M=111,10$ g/mol assay 95% melting range 188–190 °C	WG. 2935	10 g	52,50	44,65	42,—	39,40
556 4(6)-Hydroxypyrimidine PROSYNTH® <i>4(6)-Hydroxypyrimidine / 4(6)-Hidroxi pirimidina</i> $\text{N}=\text{CHN}=\text{C}(\text{OH})\text{CH}=\text{CH}$ $\text{C}_4\text{H}_4\text{N}_2\text{O}$ $M=96,09$ g/mol assay 97% melting range 165–167 °C	FL. 2935	1 g	23,25	19,75	18,60	17,45
007 2-Hydroxypyrimidine hydrochloride PROSYNTH® <i>2-Hydroxypyrimidine chlorhydrate / 2-Hidroxi pirimidina clorhidrato</i> $\text{N}=\text{C}(\text{OH})\text{N}=\text{CHCH}=\text{CH} \cdot \text{HCl}$ $\text{C}_4\text{H}_5\text{ClN}_2\text{O}$ $M=132,55$ g/mol assay (ex Cl) 97% melting range 202–205 °C (disint.)	WG. 2935	10 g	36,—	30,60	28,80	27,—
199 8-Hydroxyquinaldine R. G. <i>8-Hydroxyquinaldine / 8-Hidroxi quinaldina</i> $\text{HOC}_6\text{H}_3\text{N}=\text{C}(\text{CH}_3)\text{CH}=\text{CH}$ $\text{C}_{10}\text{H}_9\text{NO}$ $M=159,19$ g/mol	WG. 2935	250 g	price on request			
027 8-Hydroxyquinaldine PROSYNTH® <i>8-Hydroxyquinaldine / 8-Hidroxi quinaldina</i> $\text{HOC}_6\text{H}_3\text{N}=\text{C}(\text{CH}_3)\text{CH}=\text{CH}$ $\text{C}_{10}\text{H}_9\text{NO}$ $M=159,19$ g/mol assay 99% melting range 71–73 °C	WG. 2935	100 g	27,—	22,95	21,60	20,25
028 2-Hydroxyquinoline PROSYNTH® <i>2-Hydroxyquinoléine / 2-Hidroxi quinolina</i> $\text{C}_6\text{H}_4\text{N}=\text{COHCH}=\text{CH}$ $\text{C}_9\text{H}_7\text{NO}$ $M=145,16$ g/mol assay (ex N) 98% melting range 197–199 °C	FL. WG. 2935	† 1 g 25 g	11,— 180,—	9,35 153,—	144,—	135,—
8860 4-Hydroxyquinoline PROSYNTH® <i>4-Hydroxyquinoléine / 4-Hidroxi quinolina</i> $\text{C}_6\text{H}_4\text{N}=\text{CHCH}=\text{COH}$ $\text{C}_9\text{H}_7\text{NO}$ $M=145,16$ g/mol assay (ex N) 98% melting range 202–204 °C	FL. 2935	1 g	22,50	19,15	18,—	16,90
0187 6-Hydroxyquinoline PROSYNTH® <i>6-Hydroxyquinoléine / 6-Hidroxi quinolina</i> $\text{HOC}_6\text{H}_3\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_9\text{H}_7\text{NO}$ $M=145,16$ g/mol melting range 188–190 °C	PF. 2935	25 g	126,50	107,55	101,20	94,90
2502 8-Hydroxyquinoline R. G., Reag. ACS <i>8-Hydroxyquinoléine / 8-Hidroxi quinolina</i> $\text{HOC}_6\text{H}_3\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_9\text{H}_7\text{NO}$ $M=145,16$ g/mol assay min. 99% melting range 72,5–74,0 °C insoluble in ethanol max. 0,05% sulphated ash max. 0,05% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,01% suitability for determination of magnesium passes test	WG. WG. WG. 2935	† 25 g 100 g 250 g	7,50 19,— 41,—	6,40 16,15 34,85	15,20 32,80	14,25 30,75

Code-Number
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Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(16 Boxes)

32504 **8-Hydroxyquinoline** test substance for elementary analysis
8-Hydroxyquinoléine / 8-Hidroxiquinolina



$\text{C}_9\text{H}_7\text{NO}$ $M = 145,16 \text{ g/mol}$

suitable for determination of C, H, N, O

carbon (C) 74,5%
hydrogen (H) 4,9%
nitrogen (N) 9,6%
oxygen (O) 11,0%

WG.
2935

100 g price on request

22019 **8-Hydroxyquinoline**
8-Hydroxyquinoléine / 8-Hidroxiquinolina



$\text{C}_9\text{H}_7\text{NO}$ $M = 145,16 \text{ g/mol}$

assay 99,5%
melting range 72–74 °C
sulphated ash 0,05%

WG.
WG.
WG.
FTP.
2935

100 g 15,— 12,75 12,— 11,2
250 g 32,75 27,85 26,20 24,5
1 kg 109,— 92,65 87,20 83,9
50 kg price on request

22060 **8-Hydroxyquinoline benzoate**
8-Hydroxyquinoléine benzoate / 8-Hidroxiquinolina benzoato



$\text{C}_{18}\text{H}_{13}\text{NO}_3$ $M = 267,28 \text{ g/mol}$

WG.
FTP.
2935

1 kg price on request
25 kg price on request

63520 **2-Hydroxyquinoline-4-carboxylic acid PROSYNTH®**
Acide 2-hydroxyquinoléinecarboxylique-(4) / Acido 2-hidroxiquinolincarboxilico-(4)



$\text{C}_{10}\text{H}_7\text{NO}_3$ $M = 189,17 \text{ g/mol}$

assay (alkalimetric) 95%
melting range 341–343 °C

WG.
2935

50 g 37,75 32,10 30,20 28,3

4-Hydroxyquinoline-2-carboxylic acid see Kynurenic acid

22020 **8-Hydroxyquinoline hydrochloride**
8-Hydroxyquinoléine chlorhydrate / 8-Hidroxiquinolina clorhidrato



$\text{C}_9\text{H}_8\text{ClNO}$ $M = 181,62 \text{ g/mol}$

WG.
BL.
BL.
2935

1 kg 108,— 91,80 86,40 83,15
5 kg 459,— 380,95 358,— 344,25
5 kg price on request

22022 **8-Hydroxyquinoline sulphate Ph. Ned. VI**
8-Hydroxyquinoléine sulfate / 8-Hidroxiquinolina sulfato
 $(\text{HO} \text{---} \text{C}_6\text{H}_3\text{CH} = \text{CHCH} = \text{N})_2 \cdot \text{H}_2\text{SO}_4 \cdot \text{H}_2\text{O}$
 $\text{C}_{18}\text{H}_{16}\text{N}_2\text{O}_6\text{S} \cdot \text{H}_2\text{O}$ $M = 406,41 \text{ g/mol}$



R: 20/21/22 S: 2-13
disposal: 8

PF.
FTP.
FTP.
2935

1 kg 89,— 75,65 71,20 68,55
50 kg price on request
500 kg price on request

22023 **8-Hydroxyquinoline sulphate-potassium sulphate**
B. P.C. 1973
8-Hydroxyquinoléine sulfate-potassium sulfate / 8-Hidroxiquinolina sulfato-potasio sulfato

$\text{C}_{18}\text{H}_{15}\text{N}_2\text{O}_6\text{S}/\text{K}_2\text{SO}_4$ $M = 562,66 \text{ g/mol}$



R: 20/21/22 S: 2-13
disposal: 8

PF.
FTP.
2935

1 kg 76,50 65,05 61,20 58,90
50 kg price on request

22024 **8-Hydroxyquinoline-5-sulphonic acid**
Acide 8-hydroxyquinoléine-5-sulfonique / Acido 8-hidroxiquinolina-5-sulfónico

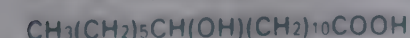


$\text{C}_9\text{H}_7\text{NO}_4\text{S} \cdot \text{H}_2\text{O}$ $M = 243,24 \text{ g/mol}$

PF.
FTP.
2935

1 kg 86,50 73,55 69,20 66,60
50 kg price on request

63557 **12-Hydroxystearic acid PROSYNTH®**
Acide hydroxy-12-stéarique / Acido 12-hidroxiesteárico




$\text{C}_{18}\text{H}_{36}\text{O}_3$ $M = 300,48 \text{ g/mol}$

assay (alkalimetric) 90%
melting range 74–76 °C

PF.
2916

500 g 36,25 30,80 29,— 27,90

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
558	4-Hydroxystilbene PROSYNTH® <i>4-Hydroxystilbene / 4-Hidroxiestilbeno</i> $\text{HOC}_6\text{H}_4\text{CH}=\text{CHC}_6\text{H}_5$ $\text{C}_{14}\text{H}_{12}\text{O}$ $M=196,25$ g/mol assay 98% melting range 184–186 °C	WG. 2906	10 g	50,50	42,95	40,40 37,90
540	N-Hydroxysuccinimide PROSYNTH® <i>N-Hydroxysuccinimide / N-Hidroxisuccinimida</i> $\text{HONCOCH}_2\text{CH}_2\text{CO}$ $\text{C}_4\text{H}_5\text{NO}_3$ $M=115,09$ g/mol assay (alkalimetric) 97% melting range 95–98 °C 2-[a-(Hydroxy-5-sulphophenylazo) benzyliden]-hydrazino)-benzoic acid monosodium salt see Zincon Hydroxy sulphophenyl sulphophenylazo-pyrazol carboxylic acid see Tartrazine	WG. 2926	10 g	19,25	16,35	15,40 14,45
543	2-Hydroxytetradecanoic acid PROSYNTH® <i>Acide 2-hydroxytétradécanoïque / Acido 2-hidroxitetradecanóico</i> $\text{CH}_3(\text{CH}_2)_{11}\text{CH}(\text{OH})\text{COOH}$ $\text{C}_{14}\text{H}_{28}\text{O}_3$ $M=244,37$ g/mol assay (alkalimetric) 98% melting range 81–83 °C 2-Hydroxy-1,3,5-trimethylbenzene see 2,4,6-Trimethylphenol	WG. 2916	10 g	125,—	106,25	100,— 93,75
560	DL-5-Hydroxytryptophan PROSYNTH® <i>DL-5-Hydroxytryptophane / DL-5-Hidroxitriptófano</i> $\text{HOC}_6\text{H}_3\text{NHCH}=\text{CCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_{11}\text{H}_{12}\text{N}_2\text{O}_3$ $M=220,23$ g/mol assay (ex N) 99% melting range 295–298 °C (disint.)	FL. 2935	1 g	98,—	83,30	78,40 73,50
641	L-5-Hydroxytryptophan PROSYNTH® <i>L-5-Hydroxytryptophane / L-5-Hidroxitriptófano</i> package of 100 mg $\text{HOC}_6\text{H}_3\text{NHCH}=\text{CCH}_2\text{CH}(\text{NH}_2)\text{COOH}$ $\text{C}_{11}\text{H}_{12}\text{N}_2\text{O}_3$ $M=220,23$ g/mol assay 99% melting range 250–255 °C (disint.) specific rotation ($[\alpha]_{\text{D}}^{20}, c=1$ in H_2O) $-31^\circ \pm 1^\circ$	2935	1 pack	26,50	22,55	21,20 19,90
2679	3-Hydroxytyraminium chloride PROSYNTH® <i>3-Hydroxytyramine chlorhydrate / 3-Hidroxitiramina cloridrato</i> $(\text{HO})_2\text{C}_6\text{H}_3\text{CH}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}$ $\text{C}_8\text{H}_{12}\text{ClNO}_2$ $M=189,64$ g/mol assay (ex Cl) 99% melting range 244–247 °C	WG. 2923	5 g	15,50	13,20	12,40 11,65
1423	Hypnone see Acetophenone Hypophosphorous acid 60% pure <i>Acide hypophosphoreux / Acido hipofosforoso</i> HPH_2O_2 $M=66,00$ g/mol assay 59,5–60,5% arsenic (As) 0,0002% iron (Fe) 0,002% copper (Cu) 0,0005% sodium (Na) 0,1% heavy metals (as Pb) 0,002% chloride (Cl) 0,02% sulphate (SO_4) 0,05%  R: 34 S: 26 disposal: 1	PF. FPF. 2813	1 L 70 kg	54,50 price on request	46,35 43,60	41,95

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Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	9x
	(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

30420 Hypophosphorous acid 50% R. G.
Acide hypophosphoreux / Acido hipofosforoso

HPH₂O₂ M = 66,00 g/mol 1 L ≈ 1,21 kg
assay 49,5—50,5%
arsenic (As) max. 0,00005%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
copper (Cu) max. 0,0001%
sodium (Na) max. 0,01%
heavy metals (as Pb) max. 0,001%
phosphite and phosphate
(as H₃PO₃) max. 1%
chloride (Cl) max. 0,01%
sulphate (SO₄) max. 0,005%



R: 34 S: 26
disposal: 1

PF.
PF.
2813

250 ml	41,50	35,30	33,20	31,...
1 L	138,50	117,75	110,80	106,...

04422 Hypophosphorous acid 50% pure
Acide hypophosphoreux / Acido hipofosforoso

HPH₂O₂ M = (anhydrous) 66,00 g/mol 1 L ≈ 1,21 kg
assay 49,5—50,5%
arsenic (As) 0,0002%
iron (Fe) 0,002%
copper (Cu) 0,0005%
sodium (Na) 0,1%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,02%
sulphate (SO₄) 0,05%



R: 34 S: 26
disposal: 1

PF.
FPF.
2813

1 L	47,—	39,95	37,60	36,...
70 kg	price on request			

04429 Hypophosphorous acid 50% technical
Acide hypophosphoreux / Acido hipofosforoso

HPH₂O₂ M = 66,00 g/mol 1 L ≈ 1,21 kg
assay 49,5—50,5%
iron (Fe) 0,005%
copper (Cu) 0,001%
heavy metals (as Pb) 0,005%
sulphate (SO₄) 2%



R: 34 S: 26
disposal: 1

PF.
FPF.
2813

1 L	37,25	31,65	29,80	28,7...
70 kg	price on request			

**04420 Hypophosphorous acid 30% chem. pure B. P. C. 1963,
N. F. XIV**
Acide hypophosphoreux / Acido hipofosforoso

HPH₂O₂ M = 66,00 g/mol 1 L ≈ 1,13 kg
assay 30—32%
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,002%
copper (Cu) 0,0005%
sodium (Na) 0,05%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,02%
sulphate (SO₄) 0,02%



R: 34 S: 26
disposal: 1

PF.
FPF.
2813

1 L	30,75	26,15	24,60	23,7...
65 kg	price on request			

39179 Hypoxanthine BIOSYNTH®
Hypoxanthine / Hipoxantina

C₅H₄N₄O M = 136,11 g/mol
assay (UV) 99%
log ϵ_{249} (water) 4,015

WG.
2935

10 g	48,—	40,80	38,40	36,—
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39632 Hyprose SP 80 for gas chromatography

C₃₆H₇₀O₁₉ M = 806,94 g/mol
working temperature to 175 °C


WG.
2943

50 g	88,—	74,80	70,40	66,—
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IBA see Indolyl butyric acid

IDRANAL®

reagents for complexometry

39	<div>IDRANAL® I (Nitrilotriacetic acid) R. G.</div> <div>$N(CH_2COOH)_3$ $C_6H_9NO_6$ $M = 191,14$ g/mol</div> <div>assay min. 99,5% calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,001% magnesium (Mg) max. 0,001% sodium (Na) max. 0,01% chloride (Cl) max. 0,01% sulphate (SO₄) max. 0,01%</div>	PF. PF. PF. 2923	50 g 250 g 1 kg	11,75 41,50 138,50	10,— 35,30 117,75	9,40 33,20 110,80	8,80 31,15 106,65
40	<div>IDRANAL® II (Ethylenediaminetetraacetic acid) R. G.</div> <div>$(HOOCCH_2)_2NCH_2CH_2N(CH_2COOH)_2$ $C_{10}H_{16}N_2O_8$ $M = 292,25$ g/mol</div> <div>assay min. 99,5% loss on drying (105 °C, 2 h) max. 0,1% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% potassium (K) max. 0,0005% magnesium (Mg) max. 0,001% sodium (Na) max. 0,02% chloride (Cl) max. 0,02% sulphate (SO₄) max. 0,01%</div>	PF. PF. PF. 2923	100 g 250 g 1 kg	10,75 22,— 64,50	9,15 18,70 54,85	8,60 17,60 51,60	8,05 16,50 49,65
549	<div>IDRANAL® III (Ethylenediaminetetraacetic acid disodium salt) R. G. Reag. Ph. Eur. I</div> <div>$[CH_2N(CH_2COOH)CH_2COONa]_2 \cdot 2H_2O$ $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ $M = 372,24$ g/mol</div> <div>assay 99,0—100,5% insoluble in water max. 0,01% pH (0,1 M, 20 °C) 4,2—4,6 calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% copper (Cu) max. 0,0002% magnesium (Mg) max. 0,0005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO₄) max. 0,01%</div>	PF. PF. PF. FTP. 2923	50 g 100 g 1 kg 50 kg	8,75 14,50 102,— kg	7,45 12,35 86,70 48,—	7,— 11,60 81,60	6,55 10,90 78,55
057	<div>0,1 mol IDRANAL® III FIXANAL® 37,224 g C₁₄H₁₀N₂Na₂O₈ · H₂O for 1 L 0,1 M solution</div> <div> R: 36/38 S: 2-26</div>	3819	1 pack	12,50	10,65	10,—	9,40
1550	<div>IDRANAL® III solution 0,1 mol/l 0,1 M solution of Ethylenediaminetetraacetic acid, disodium salt, for metal titration, volumetric solution Ph. Eur. I</div> <div>1 L ≈ 1,00 kg</div>	PF. PF. 3819	500 ml 1 L	11,50 19,75	9,80 16,80	9,20 15,80	8,85 15,20
1588	<div>IDRANAL® IV (1,2-Diaminocyclohexanetetraacetic acid) R. G.</div> <div>$(HOOCCH_2)_2NC_6H_{10}N(CH_2COOH)_2$ $C_{14}H_{22}N_2O_8 \cdot H_2O$ $M = 364,35$ g/mol</div>	PF. PF. 2923	25 g 100 g	39,75 138,—	33,80 117,30	31,80 110,40	29,80 103,50
4589	<div>IDRANAL® V (Diethylenetriaminepentaacetic acid) R. G.</div> <div>$HOOCCH_2N[C_2H_4N(CH_2COOH)_2]_2$ $C_{14}H_{23}N_3O_{10}$ $M = 393,35$ g/mol</div> <div>assay min. 99% insoluble in water max. 0,01% loss on drying (105 °C, 2 h) max. 0,1% calcium (Ca) max. 0,0005% iron (Fe) max. 0,001% potassium (K) max. 0,0005% magnesium (Mg) max. 0,001% sodium (Na) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,01% sulphate (SO₄)</div>	PF. 2923	100 g	18,50	15,75	14,80	13,90

Code-Number
A) RID/ADR
B) GGVSE/GGVSS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.


Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

9x
(16 Boxes)

34596	IDRANAL® VI R.G. [Ethylene glycol bis-(2-aminoethyl ether)- N,N,N',N'-tetraacetic acid] [(HOOCCH ₂) ₂ NCH ₂ CH ₂ OCH ₂] ₂ C ₁₄ H ₂₄ N ₂ O ₁₀ M = 380,35 g/mol	WG. 2923	25 g	50,—	42,50	40,—	37,—
34543	IDRANAL® 100 IDRANAL® III solution for water hardness determination, 1 ml ≙ 1 German degree of hardness in 100 ml of water 1 L ≈ 1,00 kg	PF. PF. 3819	500 ml 1 L	11,50 19,75	9,80 16,80	9,20 15,80	8,— 15,—
38055	IDRANAL® A FIXANAL® (1 ml ready-for-use solution ≙ 5,6 German degrees of hardness in 100 ml of water) for the preparation of 1 L ready-for-use solution bottle	3819	1 pack	12,50	10,65	10,—	9,—
	 R: 36/38 S: 2-26						
34547	IDRANAL® A solution IDRANAL® III solution with zinc complex added for water hardness determination, 1 ml ≙ 5,6 German degrees of hardness in 100 ml of water 1 L ≈ 1,00 kg	PF. PF. 3819	500 ml 1 L	11,50 20,75	9,80 17,65	9,20 16,60	8,8 16,—
38056	IDRANAL® B FIXANAL® (1 ml ready-for-use solution ≙ 1 German degree of hardness in 100 ml of water) for the preparation of 1 L ready-for-use solution bottle	3819	1 pack	12,50	10,65	10,—	9,4
34544	IDRANAL® B solution IDRANAL® III solution with zinc complex added for water hardness determination, 1 ml ≙ 1 German degree of hardness in 100 ml of water 1 L ≈ 1,00 kg	PF. PF. 3819	500 ml 1 L	10,— 16,50	8,50 14,05	8,— 13,20	7,7 12,7
34542	IDRANAL® C solution IDRANAL® III solution with zinc complex added for water hardness determination with the measuring tube H DIN 12812, 3,73 ml ≙ 20 German degrees of hardness in 40 ml of water 1 L ≈ 1,00 kg	PF. PF. 3819	500 ml 1 L	12,75 17,25	10,85 14,65	10,20 13,80	9,8 13,3
27286	Ammonium iron(III)-IDRANAL® [Ethylenediaminetetraacetic acid, ammonium-iron(III) salt] <i>Ammonium-fer(III)-IDRANAL® / Amonio-hierro(III)- IDRANAL®</i> C ₁₀ H ₁₆ FeN ₃ O ₈ M = 362,10 g/mol assay of Fe 12—14% free ethylenediaminetetraacetic acid max. 0,3% free iron(III) max. 0,1% pH (5%, 20 °C) 4—6 chloride (Cl) max. 0,1% redox potential passes test	PF. S. 3819	1 kg 50 kg	price on request price on request			
27289	Ammonium iron(III)-IDRANAL® solution 7% Fe [Ethylenediaminetetraacetic acid, ammonium-iron(III) salt] <i>Ammonium-fer(III)-IDRANAL® en solution / Amonio- hierro(III)-IDRANAL® en solución</i> C ₁₀ H ₁₆ FeN ₃ O ₈ M = 362,10 g/mol assay of Fe 7,0—7,2% free ethylenediaminetetraacetic acid max. 0,3% free iron(III) max. 0,1% pH (1+10) 7—8 chloride (Cl) max. 0,1% sulphate (SO ₄) max. 0,1%	PF. 3819	1 L	price on request			

e-Number ADR VE/GGVS OG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM					
		1x	6x	24x	96x		
		package DM	(1 Box)	(4 Boxes)	(16 Boxes)		
50	Magnesium-IDRANAL® (Ethylenediaminetetraacetic acid, dipotassium magnesium salt) R. G. <i>Magnésium-IDRANAL® / Magnesio-IDRANAL®</i> $C_{10}H_{12}K_2MgN_2O_8 \cdot 2H_2O$ $M = 426,75$ g/mol assay 98—102% pH (0,1 M, 20 °C) 8,5—9,5 free magnesium (Mg) max. 0,003% free EDTA max. 0,03% calcium (Ca) max. 0,05% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,01%	WG. PF. FTP. 2923	25 g 100 g 50 kg	9,50 30,25 kg	8,10 25,70 56,—	7,60 24,20	7,15 22,70
53	Zinc-IDRANAL® (Ethylenediaminetetraacetic acid, disodium zinc salt) R. G. $C_{10}H_{12}N_2Na_2O_8Zn \cdot 4H_2O$ $M = 471,63$ g/mol	PF. 2923	100 g	23,—	19,55	18,40	17,25
18	Indicator buffer tablets "Riedel" for titration with IDRANAL® <i>Comprimés tampon-indicateur "Riedel" / Tabletass tampón indicador "Riedel"</i> bottle of 1000 tablets	3819	1 pack	20,25	17,20	16,20	15,20
17	Indicator buffer tablets "Riedel" for titrations with IDRANAL® <i>Comprimés tampon-indicateur "Riedel" / Tabletass tampón indicador "Riedel"</i> bottle of 500 tablets	3819	1 pack	19,75	16,80	15,80	14,80
33	Igepal CO 990 for gas chromatography working temperature 100 to 220 °C	WG. 3919	50 g	22,—	18,70	17,60	16,50
61	Imidazole PROSYNTH® <i>Imidazole / Imidazol</i> $NHCH = NCH = \dot{C}H$ $C_3H_4N_2$ $M = 68,08$ g/mol assay (GC) 99% melting range 88—90 °C	WG. 2935	250 g	60,50	51,45	48,40	45,40
32	Imidazole-4-acrylic acid dihydrate PROSYNTH® <i>Acide imidazole-4-acrylique dihydrate / Acido imidazol-4-acrílico dihidrato</i> $N = CHNHCH = \dot{C}CH = CHCOOH \cdot 2H_2O$ $C_6H_6N_2O_2 \cdot 2H_2O$ $M = 174,16$ g/mol assay (alkalimetric) 99% melting range 229—231 °C	FL. 2935	1 g	30,25	25,70	24,20	22,70
	2-Imidazolidinone see N,N'-Ethylene urea						
36	Iminodiacetic acid PROSYNTH® <i>Acide iminodiacétique / Acido iminodiacético</i> $HN(CH_2COOH)_2$ $C_4H_7NO_4$ $M = 133,10$ g/mol assay (alkalimetric) 98% melting range 239—241 °C (disint.)	WG. 2926	10 g	18,—	15,30	14,40	13,50
62	Iminodiacetic acid disodium salt containing water PROSYNTH® <i>Acide iminodiacétique sel disodique / Acido iminodiacético sal disódica</i> $HN(CH_2COONa)_2 \cdot xH_2O$ $C_4H_5NNa_2O_4 \cdot xH_2O$ M (anhydrous) = 177,07 g/mol	WG. 2923	50 g	49,75	42,30	39,80	37,30

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
	(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

64304 Iminodiacetonitrile PROSYNTH®
A 6.1/21 A *Iminodiacétonitrile / Iminodiacetonitrilo*
C 6.1 2811 2 HN(CH2CN)2
C4H5N3 $M = 95,10$ g/mol
assay (ex N) 98%
melting range 78–80 °C



R: 23/24/25 S: 44
disposal: 15

6-Imino-1,6-dihydropurine see Adenine

64312 3,3'-Iminodipropionitrile PROSYNTH®
A 6.1/21A *Imino-3-3'-dipropionitrile / 3,3'-Iminodipropionitrilo*
C 6.1 1935 1 NCCH2CH2NHCH2CH2CN
C6H9N3 $M = 123,16$ g/mol 1 L ≈ 1,02 kg
assay (GC) 98%
boiling range (at 19 mbar) 177–179 °C
refractive index (n_D^{20}) 1,464

2-Imino-N-methylhydantoin see Creatinine

Immersion oil see Cedar wood oil

Indane see Hydrindene

63563 Indanedione-(1,3) PROSYNTH®
Indanedione-(1-3) / Indandiona-(1,3)
C8H4COCH2CO
C8H4O2 $M = 146,15$ g/mol
assay (UV) 97%
melting range 129–132 °C
log $\epsilon/254$ (0,1 N HCl) 3,957

1,2,3-Indanetrione monohydrate see Ninhydrin

63564 5-Indanol PROSYNTH®
5-Indanole / 5-Indanol
HOc1ccc2ccccc2c1
C9H10O $M = 134,18$ g/mol
assay (GC) 98%
melting range 51–54 °C

62349 Indanone-(1) PROSYNTH®
Indanone-(1) / Indanona-(1)
C8H4COCH2CH2
C9H8O $M = 132,16$ g/mol
assay (GC) 99%
melting range 38–40 °C

62686 Indene PROSYNTH®
A 3/4 *Indène / Indeno*
C 3.3 1993 2 C6H4CH=CH
C8H6 $M = 116,16$ g/mol 1 L ≈ 0,99 kg
assay (GC) 90%
boiling range 181–183 °C
refractive index (n_D^{20}) 1,573

		250 g	96,50	82,05	77,20	72
WG.	2927					
FL.	2927	100 ml	52,—	44,20	41,60	39,
WG.	2913	10 g	22,50	19,15	18,—	16,
WG.	2906	25 g	35,—	29,75	28,—	26,
WG.	2913	10 g	23,—	19,55	18,40	17,2
FL.	2901	250 ml	25,50	21,70	20,40	19,1

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
Indicator papers and reagent papers <i>Papiers indicateurs et papiers réactifs</i> <i>Papeles indicadores y papeles reactivos</i>							
Universal indicator papers <i>Papiers indicateurs universel</i> <i>Papeles indicadores universal</i>							
40	PANPEHA® Indicator paper pH 0—14 in 24 grades box of 200 strips	4815	1 pack	10,75	9,15	8,60	8,05
35	PEHANAL® Indicator paper pH 1—11 roll with about 5 m original container with colour scale	4815	1 pack	7,25	6,15	5,80	5,45
37	PEHANAL® Indicator paper pH 1—11 refill packing containing 3 rolls	4815	1 pack	12,—	10,20	9,60	9,—
26	Universal indicator paper pH 0—14 non-bleeding box of 100 strips	2901	1 pack	6,—	5,10	4,80	4,60
14	Universal indicator paper pH 1—11 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
15	Universal indicator paper pH 1—11 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
Special indicator papers in rolls <i>Papiers indicateurs spéciaux en rouleaux</i> <i>Papeles indicadores especial en rollos</i>							
55	Special indicator paper pH 0,5—5,5 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
56	Special indicator paper pH 0,5—5,5 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
57	Special indicator paper pH 3,8—5,8 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
58	Special indicator paper pH 3,8—5,8 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
59	Special indicator paper pH 4,0—7,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
60	Special indicator paper pH 4,0—7,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
61	Special indicator paper pH 5,4—7,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
62	Special indicator paper pH 5,4—7,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
63	Special indicator paper pH 5,5—9,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
64	Special indicator paper pH 5,5—9,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
65	Special indicator paper pH 6,4—8,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
66	Special indicator paper pH 6,4—8,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
67	Special indicator paper pH 7,2—9,7 roll of about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70
68	Special indicator paper pH 7,2—9,7 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,55
69	Special indicator paper pH 8,0—10,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,70

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96 (16 Boxes)
37070	Special indicator paper pH 8,0–10,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,1
37071	Special indicator paper pH 9,0–13,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,1
37072	Special indicator paper pH 9,0–13,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,1
37073	Special indicator paper pH 12,0–14,0 roll with about 5 m 1 packing = 6 original container with 1 colour scale each	4815	1 pack	26,25	22,30	21,—	19,1
37074	Special indicator paper pH 12,0–14,0 1 refill packing = 2 bags à 3 rolls	4815	1 pack	12,75	10,85	10,20	9,1
Special indicator papers in strips <i>Papiers indicateurs spéciaux en bandes</i> <i>Papeles indicadores especial en tiras</i>							
37080	POLYPEHA® Indicator paper pH 1–12 box of 200 strips	4815	1 pack	10,25	8,70	8,20	7,1
37081	POLYPEHA® Indicator paper pH 0,0–1,8 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,1
37082	POLYPEHA® Indicator paper pH 1,0–2,8 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,1
37083	POLYPEHA® Indicator paper pH 1,8–3,8 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,1
37084	POLYPEHA® Indicator paper pH 2,8–4,6 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,1
37085	POLYPEHA® Indicator paper pH 3,8–5,5 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,1
37086	POLYPEHA® Indicator paper pH 5,2–6,8 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37093	POLYPEHA® Indicator paper pH 6,0–8,1 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37088	POLYPEHA® Indicator paper pH 7,2–8,8 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37089	POLYPEHA® Indicator paper pH 8,0–9,7 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37090	POLYPEHA® Indicator paper pH 9,5–12,0 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37091	POLYPEHA® Indicator paper pH 10,5–13,0 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
37092	POLYPEHA® Indicator paper pH 12,0–14,0 box of 200 strips	4815	1 pack	8,25	7,—	6,60	6,2
Special indicator and reagent papers <i>Papiers indicateurs spéciaux et papier réactifs</i> <i>Papeles indicadores especial y papeles reactivos</i>							
37317	Congo paper DAB 6 <i>Papier Congo / Papel Congo</i> box of 200 strips	4815	1 pack	5,25	4,45	4,20	3,1
37104	Lead acetate paper <i>Papier au plomb acétate / Papel de plomo acetato</i> 1 packing = 6 booklets of 100 strips each	4815	1 pack	13,75	11,70	11,—	10,3
37131	Litmus paper blue roll with about 5 m <i>Papier au tournesol bleu / Papel de tornasol azul</i> original container	4815	1 pack	22,50	19,15	18,—	16,9

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
35	Litmus paper blue <i>Papier au tournesol bleu / Papel de tornasol azul</i> 1 packing = 6 booklets of 100 strips each	4815	1 pack	13,75	11,70	11,—	10,30
44	Litmus paper neutral <i>Papier au tournesol neutre / Papel de tornasol neutro</i> 1 packing = 6 booklets of 100 strips each	4815	1 pack	13,75	11,70	11,—	10,30
36	Litmus paper red roll with about 5 m <i>Papier au tournesol rouge / Papel de tornasol rojo</i> 1 packing = 6 original container	4815	1 pack	22,50	19,15	18,—	16,90
41	Litmus paper red <i>Papier au tournesol rouge / Papel de tornasol rojo</i> 1 packing = 6 booklets of 100 strips each	4815	1 pack	13,75	11,70	11,—	10,30
67	Phenolphthalein paper DAB 6 roll with about 5 m <i>Papier à la phenolphtaléine / Papel de fenolftaleína</i> 1 packing = 6 original container	4815	1 pack	22,50	19,15	18,—	16,90
20	Starch-potassium iodide paper <i>Papier au potassium iodure amidonné / Papel de almidón y potasio yoduro</i> 1 packing = 6 booklets of 100 strips each	4815	1 pack	13,75	11,70	11,—	10,30
18	Turmeric paper <i>Papier au curcuma / Papel de cúrcuma</i> box of 200 strips	4815	1 pack	6,50	5,55	5,20	4,90
Indicator buffer tablets see IDRANAL® Indicator (mixed) RH see AQUANAL® Indicators for metal titrations see appendix Indicators for pH-determination see appendix Indicators for the determination of the redox potential (r _H -determination) and for redox titration see appendix Indicator solutions see appendix							
718	Indigo R. G. synthetic (Indigotin) $\text{HNC}_6\text{H}_4\text{COC}=\text{CCOC}_6\text{H}_4\text{NH}$ $\text{C}_{16}\text{H}_{10}\text{N}_2\text{O}_2$ $M=262,27$ g/mol	WG. WG. 3205	100 g 500 g	20,— 82,50	17,— 70,15	16,— 66,—	15,— 63,55
Indigoblue see Indigo							
367	Indigo carmine R. G. powder (C. I. No. 73015, S. No. 1309) <i>Carmin d'Indigo / Indigo-Carmina</i> $\text{COC}_6\text{H}_3(\text{SO}_3\text{Na})\text{NHC}=\text{CNHC}_6\text{H}_3(\text{SO}_3\text{Na})\text{CO}$ $\text{C}_{16}\text{H}_8\text{N}_2\text{Na}_2\text{O}_8\text{S}_2$ $M=486,36$ g/mol	WG. WG. 3205	25 g 100 g	10,75 36,—	9,15 30,60	8,60 28,80	8,05 27,—
286	Indigo solution 1 ml $\hat{=}$ 0,001 g N₂O₅ <i>Solution de indigo / Solución de indigo</i> 1 L \approx 1,04 kg	FL. 3819	1 L	32,50	27,65	26,—	25,05
317	Indigo trisulphonate potassium salt redox indicator, E_0 at pH 7 = -0,07 Volt; r _H = 9,5-12 <i>Indigo trisulfonate sel potassique / Indigo trisulfonato sal potásica</i> $\text{C}_{16}\text{H}_7\text{K}_3\text{N}_2\text{O}_{11}\text{S}_3$ $M=616,73$ g/mol	3205					
431	Indium granulated <i>Indium / Indio</i> In $M=114,82$ g/mol assay 99%	FL. 8104	10 g	50,50	42,95	40,40	37,90

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
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Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

62687	Indium(III) acetylacetonate PROSYNTH® <i>Indium(III) acétylacétonate / Indio(III) acetilacetato</i> $[\text{CH}_3\text{COCH}=\text{C}(\text{CH}_3)\text{O}]_3\text{In}$ $\text{C}_{15}\text{H}_{21}\text{InO}_6$ $M=412,15$ g/mol assay (ex In) 99% melting range 183–185 °C	WG. 2945	10 g	35,—	29,75	28,—	26,2
14787	Indium(III) bromide <i>Indium(III) bromure / Indio(III) bromuro</i> InBr_3 $M=354,53$ g/mol	WG. 2830	10 g	24,75	21,05	19,80	18,5
10432 A 6.1/81H C 6.1 2811 2	Indium(III) chloride <i>Indium(III) chlorure / Indio(III) cloruro</i> InCl_3 $M=221,18$ g/mol assay 99%	WG. 2830	10 g	51,—	43,35	40,80	38,2
14847 C 5.1 1477 2	Indium(III) nitrate-5-hydrate <i>Indium(III) nitrate-5-hydrate / Indio(III) nitrato-5-hidrato</i> $\text{In}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$ $M=390,91$ g/mol	WG. 2839	10 g	37,50	31,90	30,—	28,1
10433	Indium(III) oxide <i>Indium(III) oxyde / Indio(III) óxido</i> In_2O_3 $M=277,64$ g/mol assay 99%	WG. 2828	10 g	53,—	45,05	42,40	39,7
14748	Indium(III) sulphate-5-hydrate <i>Indium(III) sulphate-5-hydrate / Indio(III) sulfato-5-hidrato</i> $\text{In}_2(\text{SO}_4)_3 \cdot 5\text{H}_2\text{O}$ $M=607,91$ g/mol	WG. 2838	25 g	69,50	59,10	55,60	52,1
33318	Indole R. G. <i>Indole / Indol</i> $\text{C}_8\text{H}_7\text{N}$ $M=117,15$ g/mol assay (ex N) min. 99% melting range 51–53 °C sulphated ash max. 0,05% iron (Fe) max. 0,001%	WG. 2935	50 g	41,—	34,85	32,80	30,7
15631	Indole cryst., scales <i>Indole / Indol</i> $\text{C}_8\text{H}_7\text{N}$ $M=117,15$ g/mol melting range 51–53 °C sulphated ash 0,05%	WG. 2935	100 g	55,50	47,20	44,40	41,65
64643 A 6.1/21A C 6.1 2811 2	Indole-3-acetonitrile PROSYNTH® <i>Indol-3-acétonitrile / Indol-3-acetonitrilo</i> $\text{C}_8\text{H}_7\text{NCH}_2\text{CN}$ $\text{C}_{10}\text{H}_9\text{N}_2$ $M=156,19$ g/mol assay (HPLC) 99% melting range 33–36 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2927	10 g	37,25	31,65	29,80	27,95
64644	Indole-3-acrylic acid PROSYNTH® <i>Acide indolacrylique-3 / Acido 3-indolacrílico</i> $\text{C}_8\text{H}_7\text{NCH}=\text{CHCOOH}$ $\text{C}_{11}\text{H}_9\text{NO}_2$ $M=187,20$ g/mol assay (HPLC) 99% melting range 185–190 °C (disint.)	FL. 2935	1 g	39,25	33,35	31,40	29,45



R: 23/24/25 S: 44
disposal: 15

-Number /ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
88	Indole-2-carboxylic acid PROSYNTH® <i>Acide indolcarboxylique-(2) / Acido indolcarboxílico-(2)</i> $\text{C}_6\text{H}_4\text{NHC}(\text{COOH})=\text{CH}$ $\text{C}_9\text{H}_7\text{NO}_2$ $M = 161,16$ g/mol assay (alkalimetric) 98% melting range 203–206 °C	WG. 2935	5 g	41,50	35,30	33,20	31,15
52	Indole-3-carboxylic acid PROSYNTH® <i>Acide indolcarboxylique-(3) / Acido indolcarboxílico-(3)</i> $\text{C}_9\text{H}_7\text{NO}_2$ $M = 161,16$ g/mol assay (alkalimetric) 98%	WG. 2935	5 g	71,50	60,80	57,20	53,65
63	Indole-5-carboxylic acid PROSYNTH® <i>Acide indolcarboxylique-(5) / Acido indolcarboxílico-(5)</i> $\text{COOH}\text{C}_6\text{H}_3\text{NHCH}=\text{CH}$ $\text{C}_9\text{H}_7\text{NO}_2$ $M = 161,16$ g/mol assay 95%	FL. 2935	1 g	42,75	36,35	34,20	32,05
45	Indole-3-ethanol PROSYNTH® <i>Indol-3-éthanol / Indol-3-etanol</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{CH}_2\text{OH}$ $\text{C}_{10}\text{H}_{11}\text{NO}$ $M = 161,20$ g/mol assay (HPLC) 99% melting range 56–58 °C	FL. 2935	1 g	37,75	32,10	30,20	28,30
46	Indole-3-hydrogen sulphate potassium salt PROSYNTH® <i>Indol-3-hydrogénosulfate sel potassique / Indol-3-hidrógeno-sulfato sal potasica</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{COSO}_3\text{K}$ $\text{C}_8\text{H}_6\text{KNO}_4\text{S}$ $M = 251,30$ g/mol assay (HPLC) 98%	FL. 2935	1 g	107,50	91,40	86,—	80,65
89	Indoline PROSYNTH® <i>Indoline / Indolina</i> $\text{C}_6\text{H}_4\text{NHCH}_2\text{CH}_2$ $\text{C}_8\text{H}_9\text{N}$ $M = 119,17$ g/mol $1 \text{ L} \approx 1,06 \text{ kg}$ assay (GC) 98% boiling range 219–221 °C refractive index (n_D^{20}) 1,591	FL. 2935	25 ml	30,25	25,70	24,20	22,70
74	Indolyl-3-acetate BIOSYNTH® <i>Indolyle-3-acétate / Indolilo-3-acetato</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{COCOCH}_3$ $\text{C}_{10}\text{H}_9\text{NO}_2$ $M = 175,19$ g/mol	FL. 2935	1 g	25,25	21,45	20,20	18,95
00	3-Indolyl acetate PROSYNTH® <i>3-Indolyle acétate / 3-Indolilo acetato</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{COCOCH}_3$ $\text{C}_{10}\text{H}_9\text{NO}_2$ $M = 175,19$ g/mol assay (GC) 98% melting range 127–129 °C	WG. 2935	5 g	96,—	81,60	76,80	72,—
73	Indolyl-3-acetic acid min. 99% PESTANAL® $\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{COOH}$ $\text{C}_{10}\text{H}_9\text{NO}_2$ $M = 175,19$ g/mol	FL. 2935	1 g	36,—	30,60	28,80	27,—
06	Indolyl-3-acetic acid PROSYNTH® <i>Acide indolyle-3-acétique / Acido indolilo-3-acético</i> $\text{C}_6\text{H}_4\text{NHCH}=\text{CCH}_2\text{COOH}$ $\text{C}_{10}\text{H}_9\text{NO}_2$ $M = 175,19$ g/mol assay (alkalimetric) 98% melting range 165–167 °C (disint.)	FL. 2935	1 g	10,50	8,95	8,40	7,90
02	4-(3-Indolyl)-butyric acid min. 99% PESTANAL® $\text{C}_6\text{H}_4\text{NHCH}=\text{C}(\text{CH}_2)_3\text{COOH}$ $\text{C}_{12}\text{H}_{13}\text{NO}_2$ $M = 203,24$ g/mol	FL. 2935	1 g	36,—	30,60	28,80	27,—

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Type of package
B.T.N.



Price per
package DM




1x
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(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

63566	4-(3-Indolyl)-butyric acid PROSYNTH® <i>Acide (indolyle-3)-4-butyrique / Acido 4-(3-indolilo)butírico</i> $C_8H_4NHCH=C(CH_2)_3COOH$ $C_{12}H_{13}NO_2$ $M = 203,24$ g/mol assay (alkalimetric) 99% melting range 123–125 °C	WG. 2935	10 g	47,—	39,95	37,60	35,21
62690	3-(3-Indolyl)-propionic acid PROSYNTH® <i>Acide (indolyle-3)-3-propionique / Acido 3-(3-indolilo)-propiónico</i> $C_8H_4NHCH=CCH_2CH_2COOH$ $C_{11}H_{11}NO_2$ $M = 189,21$ g/mol assay (alkalimetric) 98% melting range 132–134 °C	WG. 2935	5 g	22,25	18,90	17,80	16,70
Infusorial earth see Kieselguhr							
01711	Ink for glass etching <i>Encre à écrire sur le verre / Tinta para escribir en vidrio</i> plastic bottle of 250 g	3213	1 pack	17,—	14,45	13,60	12,75
  R: 26/27/28-35 S: 7/9-26-36/37-45 disposal: 27							
39200	Inosine BIOSYNTH® <i>Inosine / Inosina</i> $C_{10}H_{12}N_4O_5$ $M = 268,23$ g/mol assay (UV) 98% log $\epsilon/248,5$ (H ₂ O, pH 6) 4,0776	WG. 2935	5 g	13,25	11,25	10,60	9,95
39217	Inosine-5'-diphosphate trisodium salt BIOSYNTH® <i>Inosine-5'-diphosphate sel trisodique / Inosina-5'-difosfato sal trisódica</i> $C_{10}H_{11}N_4Na_3O_{11}P_2$ $M = 494,13$ g/mol bottle of 100 mg assay (ex P) 96% keep in a deep freezer (–18 °C) à stocker au congélateur (–18 °C) almacenaje en la nevera (–18 °C)	2935	1 pack	263,—	223,55	210,40	197,25
39413	Inosine-5'-phosphoric acid disodium salt BIOSYNTH® <i>Inosine-5'-acide phosphorique, sel disodique / Inosina-5'-ácido fosfórico, sal disódica</i> $C_{10}H_{11}N_4Na_2O_8P \cdot 8H_2O$ $M = 536,29$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	17,—	14,45	13,60	12,75
39148	meso-Inositol BIOSYNTH® <i>méso-Inositol / meso-Inosita</i> $HOCH(CHOH)_4CHOH$ $C_6H_{12}O_6$ $M = 180,16$ g/mol melting range 224–226 °C	PF. 2904	50 g	24,—	20,40	19,20	18,—
Insecticides see appendix PESTANAL®							
33750	INT [2-(p-Iodophenyl)-3-(p-nitrophenyl)-5-phenyltetrazolium chloride] $C_8H_5C \equiv NN(C_6H_4J)N(Cl)(C_6H_4NO_2) = N$ $C_{19}H_{13}ClIN_5O_2$ $M = 505,70$ g/mol	FL. WG. 2930	1 g 5 g	18,— 75,50	15,30 64,20	14,40 60,40	13,50 56,65
39149	Inulin BIOSYNTH® <i>Inuline / Inulina</i> $M = ca. 5000$ g/mol melting range 180–185 °C specific rotation ($[\alpha]_D^{20}$; c = 10 in H ₂ O) –38° ± 2°	PF. 1108	100 g	151,—	128,35	120,80	113,25

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
8	Iodic acid R. G., Reag. Ph. Eur. I 1479 2 <i>Acide iodique / Acido yódico</i> HJO ₃ M = 175,91 g/mol assay min. 99,5% sulphated ash max. 0,01% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,0005% chloride and bromide (as Cl) max. 0,01% iodide (I) max. 0,0005% sulphate (SO ₄) max. 0,01% Iodic acid anhydride see Iodine pentoxide	WG. 2813	100 g	31,—	26,35	24,80	23,25
05	Iodine R. G., Reag. ACS, Reag. Ph. Eur. I <i>Iode / Yodo</i> J ₂ M = 253,81 g/mol assay min. 99,5% non-volatile matter max. 0,01% bromide and chloride (as Cl) max. 0,005% sulphate (SO ₄) max. 0,01%  R: 20/21 S: 23-25 disposal: 16	WG. WG. WG. WG. FTP. 2801	100 g 250 g 500 g 1 kg 50 kg	20,75 47,— 84,50 155,— price on request	17,65 39,95 71,85 131,75	16,60 37,60 67,60 124,—	15,55 35,25 65,05 119,35
02	Iodine Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Iode / Yodo</i> J ₂ M = 253,81 g/mol assay 99,8% non-volatile matter 0,03% bromide and chloride (as Cl) 0,01% sulphate (SO ₄) 0,005%  R: 20/21 S: 23-25 disposal: 16	WG. WG. WG. WG. FTP. 2801	100 g 500 g 1 kg 5 kg 50 kg	13,75 53,50 98,50 418,— price on request	11,70 45,50 83,75 346,95	11,— 42,80 78,80 326,05	10,30 41,20 75,85 313,50
065	0,005 mol Iodine FIXANAL® 0,3567 g KIO ₃ + 3,6 g KI for 1 L 0,01 N solution 0,005 mol Iode / 0,005 mol Yodo	3819	1 pack	12,75	10,85	10,20	9,55
062	1/64 mol Iodine FIXANAL® (Iodate) 1,14 g KJO ₃ + 11,1 g KJ for 1 L 1/32 N solution, for iron-works laboratories 1/64 mol Iode / 1/64 mol Yodo	3819	1 pack	11,25	9,55	9,—	8,45
064	1/128 mol Iodine FIXANAL® (Iodate-iodide) 0,5573 g KIO ₃ + 5,6 g KI 1 L 1/64 N solution 1/128 mol Iode / 1/128 mol Yodo	3819	1 pack	9,—	7,65	7,20	6,75
060	0,05 mol Iodine FIXANAL® 12,690 g J ₂ + 20 g KJ for 1 L 0,1 N solution 0,05 mol Iode / 0,05 mol Yodo	3819	1 pack	12,25	10,40	9,80	9,20
061	 R: 22 S: 24/25 0,05 mol Iodine FIXANAL® (Iodate) 3,5667 g KJ ₃ + 35,6 g KJ for 1 L 0,1 N solution 0,05 mol Iode / 0,05 mol Yodo	3819	1 pack	12,25	10,40	9,80	9,20
090	Iodine solution 0,05 mol I ₂ /I 0,1 N volumetric solution Ph. Eur. I Iode en solution 0,05 mol I ₂ /I / Yodo en solución 0,05 mol I ₂ /I 1 L ≈ 1,02 kg	FL. 3819	1 L	17,75	15,10	14,20	13,65

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24x
(16 Boxes)

96x
(64 Boxes)

35071 Iodine solution acc. to Wijs 0,1 mol ICl/I 0,2 N volumetric solution
A 8/21C
C 3.3 1842 2
+40°C

lode en solution selon Wijs 0,1 mol ICl/I / Solución de yodo según Wijs 0,1 mol ICl/I

1 L ≈ 1,06 kg



R: 34 S: 2-23-26
disposal: 16

35097 Iodine solution acc. to Hanus 0,1 mol IBr/I 0,2 N volumetric solution
A 8/21C
C 3.3 1842 2
+40°C

lode en solution selon Hanus 0,1 mol IBr/I / Solución de yodo según Hanus 0,1 mol IBr/I

1 L ≈ 1,06 kg



R: 34 S: 2-23-26
disposal: 16

35089 Iodine solution 0,5 mol I₂/I 1 N volumetric solution
lode en solution 0,5 mol I₂/I / Yodo en solución 0,5 mol I₂/I

1 L ≈ 1,26 kg

Iodine bromide see Iodine monobromide

Iodine chloride see Iodine monochloride

03111 Iodine monobromide bottle of 100 g
A 8/11
C 8 1759 2

lode monobromure / Yodo monobromuro

JBr M = 206,81 g/mol



R: 34 S: 26
disposal: 11

03116 Iodine monochloride bottle of 100 g
A 8/11
C 8 1792 2

lode monochlorure / Yodo monocloruro

JCl M = 162,36 g/mol



R: 34 S: 26
disposal: 11

Iodine(V) oxide see Iodine pentoxide

30306 Iodine pentoxide granular for flue-gas analysis
A 5.1
C 5.1 1479 2

lode pentoxyde / Yodo pentóxido

J₂O₅ M = 333,81 g/mol

assay (iodometric) min. 99%
loss on drying (200°C) max. 1%
sulphated ash max. 0,02%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%

32922 Iodine potassium iodide solution according to Lugol for microscopy
lode-potassium iodure en solution / Yodo y potasio yoduro en solución

1 L ≈ 1,00 kg

Iodine-sulphur dioxide-pyridine-solution see Fischer reagent

03117 Iodine trichloride
A 8/11
C 8 1759 2

lode trichlorure / Yodo tricloruro

JCl₃ M = 233,26 g/mol

assay (iodometric) 97%

bottle of 100 g

FL.
FL.
3819

500 ml 18,— 15,30 14,40 13,8
1 L 32,75 27,85 26,20 25,2

FL.
FL.
3819

500 ml 19,25 16,35 15,40 14,8
1 L 35,50 30,20 28,40 27,3

FL.
FL.
3819

500 ml 29,75 25,30 23,80 22,9
1 L 55,50 47,20 44,40 42,7

2814

1 pack 43,25 36,75 34,60 32,4

2814

1 pack 31,75 27,— 25,40 23,8

WG.
WG.
2813






25 g 16,50 14,05 13,20 12,4
100 g 56,— 47,60 44,80 42,—

FL.
FL.
3819

250 ml 9,50 8,10 7,60 7,15
1 L 23,75 20,20 19,— 18,30

2814

1 pack 32,75 27,85 26,20 24,55

e-Number D/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
699	Iodoacetamide PROSYNTH® <i>Iodoacétamide / Yodoacetamida</i> JCH ₂ CONH ₂ C ₂ H ₄ JNO <i>M</i> = 184,96 g/mol assay (ex N) 98% melting range 92–94 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2925	100 g	46,75	39,75	37,40	35,05
394 /21A1 1760 2	Iodoacetic acid BIOSYNTH® <i>Acide iodoacétique / Acido yodoacético</i> JCH ₂ COOH C ₂ H ₃ JO ₂ <i>M</i> = 185,95 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26/27/28-35 S: 22-36/37/39-45 disposal: 21	WG. 2914	25 g	30,25	25,70	24,20	22,70
707 /21A1 1760 2	Iodoacetic acid PROSYNTH® <i>Acide iodoacétique / Acido yodoacético</i> JCH ₂ COOH C ₂ H ₃ JO ₂ <i>M</i> = 185,95 g/mol assay (alkalimetric) 98% melting range 80–82 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26/27/28-35 S: 22-36/37/39-45 disposal: 21	WG. 2914	100 g	70,50	59,95	56,40	52,90
	Iodoacetic acid amide see Iodoacetamide						
708 /21A1 1760 2	Iodoacetic acid sodium salt PROSYNTH® <i>Acide iodoacétique sel sodique / Acido yodoacético sal sódica</i> JCH ₂ COONa C ₂ H ₂ JNaO ₂ <i>M</i> = 207,93 g/mol assay 98%  R: 26/27/28-35 S: 22-36/37/39-45 disposal: 21	WG. 2914	25 g	27,—	22,95	21,60	20,25
701 /21E 1811 2	2-Iodoaniline PROSYNTH® <i>2-Iodoaniline / 2-Yodoanilina</i> JC ₆ H ₄ NH ₂ C ₆ H ₆ JN <i>M</i> = 219,02 g/mol assay (GC) 98% melting range 56–58 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	10 g	51,—	43,35	40,80	38,25
702 /21E 1810 2	3-Iodoaniline PROSYNTH® <i>3-Iodoaniline / 3-Yodoanilina</i> JC ₆ H ₄ NH ₂ C ₆ H ₆ JN <i>M</i> = 219,02 g/mol 1 L ≈ 1,90 kg assay (GC) 98% melting range 25–27 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	50 g	121,—	102,85	96,80	90,75

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.


Price per
package DM





1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

62703	4-Iodoaniline PROSYNTH® A 6.1/21E 4-Iodoaniline / 4-Yodoanilina C 6.1 2811 2 <chem>NC1=CC=C(C=C1)I</chem> <chem>C6H5JN</chem> $M = 219,02$ g/mol assay (GC) 98% melting range 61–63 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	50 g	29,50	25,10	23,60	22,1
63864	2-Iodoanisole PROSYNTH® 2-Iodoanisole / 2-Yodoanisol <chem>COc1ccccc1I</chem> <chem>C7H7JO</chem> $M = 234,04$ g/mol 1 L ≈ 1,80 kg assay (GC) 99% boiling range (at 973 mbar) 239–241 °C refractive index (n_D^{20}) 1,622	FL. 2908	25 ml	35,—	29,75	28,—	26,2
63865	3-Iodoanisole PROSYNTH® 3-Iodoanisole / 3-Yodoanisol <chem>COc1cccc(I)c1</chem> <chem>C7H7JO</chem> $M = 234,04$ g/mol 1 L ≈ 1,78 kg assay (GC) 98% boiling range 243–245 °C	FL. 2908	5 ml	20,—	17,—	16,—	15,—
62704	4-Iodoanisole PROSYNTH® 4-Iodoanisole / 4-Yodoanisol <chem>COc1ccc(I)cc1</chem> <chem>C7H7JO</chem> $M = 234,04$ g/mol assay (GC) 99% melting range 49–51 °C	WG. 2908	25 g	46,—	39,10	36,80	34,50
62706	Iodobenzene PROSYNTH® A 3/4 Iodobenzène / Yodobenceno + 77 °C <chem>c1ccccc1I</chem> <chem>C6H5J</chem> $M = 204,01$ g/mol 1 L ≈ 1,83 kg assay (GC) 99%	FL. 2902	100 ml	62,50	53,15	50,—	46,90
39391	4-Iodobenzenesulphonyl chloride BIOSYNTH® A 8/22 Iodo-4-benzènesulfonyle chlorure / C 8 1759 2 4-Yodobencenosulfonilo cloruro <chem>ClS(=O)(=O)c1ccc(I)cc1</chem> <chem>C6H4ClJO2S</chem> $M = 302,52$ g/mol	FL. 2903	5 g	38,—	32,30	30,40	28,50
62705	2-Iodobenzoic acid PROSYNTH® Acide 2-iodobenzoïque / Acido 2-yodobenzóico <chem>OC(=O)c1ccccc1I</chem> <chem>C7H5JO2</chem> $M = 248,02$ g/mol assay (alkalimetric) 98% melting range 160–162 °C	PF. 2914	100 g	129,—	109,65	103,20	96,75
63866	3-Iodobenzoic acid PROSYNTH® Acide 3-iodobenzoïque / Acido 3-yodobenzóico <chem>OC(=O)c1cccc(I)c1</chem> <chem>C7H5JO2</chem> $M = 248,02$ g/mol assay (alkalimetric) 98% melting range 185–187 °C	WG. 2914	10 g	35,50	30,20	28,40	26,65
63867	4-Iodobenzoic acid PROSYNTH® Acide 4-iodobenzoïque / Acido 4-yodobenzóico <chem>OC(=O)c1ccc(I)cc1</chem> <chem>C7H5JO2</chem> $M = 248,02$ g/mol assay (alkalimetric) 99% melting range 269–271 °C	WG. 2914	10 g	28,50	24,25	22,80	21,40

Number ADR VE/GGVs OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
5	1-Iodobutane PROSYNTH® <i>1-Iodobutane / 1-Yodobutano</i>	FL. 2902	250 ml	64,50	54,85	51,60	48,40
1993 2	CH ₃ (CH ₂) ₃ J C ₄ H ₉ J M = 184,02 g/mol 1 L ≈ 1,61 kg assay (GC) 98% boiling range 129–131 °C refractive index (n _D ²⁰) 1,498  R: 11 S: 9-16-29 disposal: 7						
6	2-Iodobutane PROSYNTH® <i>2-Iodobutane / 2-Yodobutano</i>	FL. 2902	100 ml	53,—	45,05	42,40	39,75
2390 2	CH ₃ CH ₂ CHJCH ₃ C ₄ H ₉ J M = 184,02 g/mol 1 L ≈ 1,60 kg assay (GC) 98% boiling range 116–118 °C refractive index (n _D ²⁰) 1,499  R: 11 S: 9-16-29 disposal: 7						
	7-Iodo-5-chloro-8-hydroxyquinoline see 5-Chloro-7-iodo-8-hydroxyquinoline						
37	Iodocyane PROSYNTH® <i>Iodocyane / Yodociano</i>	WG. 2843	10 g	44,75	38,05	35,80	33,55
1/31A	JCN M = 152,92 g/mol assay 97% melting range 145–149 °C  R: 23/24/25 S: 44 disposal: 22						
52	Iodocyclohexane PROSYNTH® <i>Iodocyclohexane / Yodociclohexano</i>	FL. 2902	100 ml	71,—	60,35	56,80	53,25
4	CH ₂ (CH ₂) ₄ CHJ C ₆ H ₁₁ J M = 210,06 g/mol 1 L ≈ 1,63 kg assay (GC) 99% boiling range (at 13 mbar) 68–70 °C refractive index (n _D ²⁰) 1,548 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
567	1-Iododecane PROSYNTH® <i>1-Iododécane / 1-Yododecano</i>	FL. 2902	100 ml	20,—	17,—	16,—	15,—
	CH ₃ (CH ₂) ₉ J C ₁₀ H ₂₁ J M = 268,18 g/mol 1 L ≈ 1,25 kg assay (GC) 98% boiling range (at 20 mbar) 130–132 °C refractive index (n _D ²⁰) 1,486						
393	5-Iodo-2'-deoxyuridine BIOSYNTH® <i>5-Iodo-2'-désoxyuridine / 5-Yodo-2'-desoxiuridina</i> package of 250 mg	2935	1 pack	32,75	27,85	26,20	24,55
	C ₉ H ₁₁ JN ₂ O ₅ M = 354,10 g/mol						
302	Iodoethane for the separation of mineral compounds <i>Iodoéthane / Yodoetano</i>	FL. 2902	100 ml	23,—	19,55	18,40	17,25
1/61A	C ₂ H ₅ J M = 155,97 g/mol 1 L ≈ 1,92 kg boiling range 71–72 °C density (D ₄ ²⁰) 1,92–1,93  R: 20/21/22 S: 28 disposal: 7						

Code-Number
A) RID/ADR
B) GGV/EGGS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(64 Boxes)

60194 Iodoethane PROSYNTH®

A 6.1/61A Iodoéthane / Yodoetano

C 3.3 1993 2 C_2H_5J $M = 155,97$ g/mol 1 L \approx 1,92 kg
+ 32 °C
assay (GC) 99%
boiling range 71–72 °C
refractive index (n_D^{20}) 1,513



R: 20/21/22 S: 28
disposal: 7

FL.
2902

250 ml 46,— 39,10 36,80 34,1

03801 Iodoethane 99–100% Erg. B. 6 with silver foil stabilized

A 6.1/61A Iodoéthane / Yodoetano

C 3.3 1993 2 C_2H_5J $M = 155,97$ g/mol 1 L \approx 1,92 kg
+ 32 °C
assay (GC) 99%
boiling range 71–72 °C
density (D_4^{20}) 1,92–1,93
refractive index (n_D^{20}) 1,5100–1,5130
non-volatile matter 0,01%



R: 20/21/22 S: 28
disposal: 7

FL.
FL.
TS.
2902

250 ml 45,50 38,70 36,40 34,1
1 L 151,— 128,35 120,80 116,2
40 kg price on request

62700 2-Iodoethanol PROSYNTH®

2-Iodoéthanol / 2-Yodoetanol

H_2JCCH_2OH
 C_2H_5JO $M = 171,97$ g/mol 1 L \approx 2,10 kg
assay (GC) 92%

FL.
2904

100 ml 212,— 180,20 169,60 159,—

63499 1-Iodoheptane PROSYNTH®

A 3/4 1-Iodoheptane / 1-Yodoheptano

+ 76 °C
 $CH_3(CH_2)_6J$
 $C_7H_{15}J$ $M = 226,10$ g/mol 1 L \approx 1,37 kg
assay (GC) 98%
boiling range 203–205 °C
refractive index (n_D^{20}) 1,490

FL.
2902

100 ml 35,— 29,75 28,— 26,2

60379 1-Iodohexadecane PROSYNTH®

1-Iodohexadécane / 1-Yodohexadecano

$CH_3(CH_2)_{15}J$
 $C_{16}H_{33}J$ $M = 352,34$ g/mol

FL.
2902

100 ml 56,50 48,05 45,20 42,4

60197 1-Iodoheptane PROSYNTH®

A 3/4 1-Iodoheptane / 1-Yodoheptano

+ 67 °C
 $CH_3(CH_2)_6J$
 $C_8H_{17}J$ $M = 212,07$ g/mol 1 L \approx 1,44 kg
assay (GC) 98%
boiling range (at 13 mbar) 63–65 °C
refractive index (n_D^{20}) 1,492

FL.
2902

100 ml 42,25 35,90 33,80 31,7

4-Iodo-1-hydroxybenzene see 4-Iodophenol

32503 7-Iodo-8-hydroxyquinoline-5-sulphonic acid R. G.

Acide 7-iodo-8-hydroxyquinoléine-5-sulfonique / Acido
7-yodo-8-hidroxiquinolino-5-sulfónico

$JC_6H(OH)(SO_3H)CH=CHCH=N$
 $C_9H_6JNO_4S$ $M = 351,12$ g/mol

WG.
WG.
2935

25 g 8,75 7,45 7,— 6,55
100 g 25,25 21,45 20,20 18,95

22012 7-Iodo-8-hydroxyquinoline-5-sulphonic acid






Acide 7-iodo-8-hydroxyquinoléine-5-sulfonique / Acido
7-yodo-8-hidroxiquinolino-5-sulfónico

$JC_6H(OH)(SO_3H)CH=CHCH=N$
 $C_9H_6JNO_4S$ $M = 351,12$ g/mol

PF.
FTP
2935

1 kg 111,50 94,80 89,20 85,85
50 kg price on request

7-Iodo-8-hydroxyquinoline-5-sulphonic acid, sodium salt
see Chiniofon-sodium

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
198	Iodomethane PROSYNTH® (Methyl iodide) <i>Iodométhane / Yodometano</i>	FL. 2902	250 ml	70,50	59,95	56,40	52,90
1/12							
1 2810 2	CH ₃ I M = 141,94 g/mol 1 L ≈ 2,28 kg assay (GC) 99% boiling range 41–43 °C refractive index (n _D ²⁰) 1,530						
	 R: 23/24/25-34 S: 26-44 disposal: 13						
810	Iodomethane with silver foil stabilized <i>Iodométhane / Yodometano</i>	FL. FL. TS. 2902	100 ml 1 L 40 kg	31,— 235,— price on request	26,35 199,75	24,80 188,—	23,25 180,95
1/12							
1 2810 2	CH ₃ I M = 141,94 g/mol 1 L ≈ 2,26 kg boiling range 41,5–43,0 °C						
	 R: 23/24/25-34 S: 26-44 disposal: 13						
	Iodomethane-D₃ see Trideuteromethyl iodide						
	Iodomethoxybenzene see Iodoanisole						
709	1-Iodo-3-methylbutane PROSYNTH® <i>1-Iodo-3-méthylbutane / 1-Yodo-3-metilbutano</i>	FL. 2902	100 ml	50,50	42,95	40,40	37,90
1/3							
1.3 1993 2	(CH ₃) ₂ CHCH ₂ CH ₂ I						
10 °C	C ₅ H ₁₁ I M = 198,05 g/mol 1 L ≈ 1,48 kg assay (GC) 98% boiling range 146–148 °C refractive index (n _D ²⁰) 1,494						
	R: 10 disposal: 7						
199	1-Iodo-2-methylpropane PROSYNTH® <i>1-Iodo-2-méthylpropane / 1-Yodo-2-metilpropano</i>	FL. 2902	100 ml	47,50	40,40	38,—	35,65
3/1A							
3.2 2391 2	(CH ₃) ₂ CHCH ₂ I						
0 °C	C ₄ H ₉ I M = 184,02 g/mol 1 L ≈ 1,60 kg assay (GC) 97% boiling range 118–120 °C refractive index (n _D ²⁰) 1,495						
	 R: 11 S: 9-16-33 disposal: 7						
200	2-Iodo-2-methylpropane PROSYNTH® <i>2-Iodo-2-méthylpropane / 2-Yodo-2-metilpropano</i>	FL. 2902	100 ml	70,—	59,50	56,—	52,50
3/1A							
3.2 2391 2	(CH ₃) ₃ CI						
°C	C ₄ H ₉ I M = 184,02 g/mol 1 L ≈ 1,55 kg assay (GC) 97% boiling range (at 40 mbar) 20–22 °C refractive index (n _D ²⁰) 1,491						
	 R: 11 S: 9-16-33 disposal: 7						
2569	1-Iodonaphthalene PROSYNTH® <i>1-Iodonaphtalène / 1-Yodonaftaleno</i>	FL. 2902	25 ml	36,—	30,60	28,80	27,—
	C ₁₀ H ₇ I M = 254,07 g/mol 1 L ≈ 1,75 kg assay (GC) 99% boiling range 300–302 °C refractive index (n _D ²⁰) 1,702						
4085	2-Iodonitrobenzene PROSYNTH® <i>2-Iodonitrobenzène / 2-Yodonitrobenceno</i>	WG. 2903	25 g	18,75	15,95	15,—	14,05
6.1/21K							
6.1 2811 2	C ₆ H ₄ JNO ₂ M = 249,01 g/mol assay (GC) 97% melting range 50–52 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

63570 3-Iodonitrobenzene PROSYNTH®
3-Iodonitrobenzène / 3-Yodonitrobenceno
C 6.1 2810 2 C6H4JNO2 $M = 249,01 \text{ g/mol}$
assay (GC) 97%
melting range $36-38^\circ\text{C}$



R: 23/24/25-33 S: 28-37-44
disposal: 20

FL.
2903

25 g 22,— 18,70 17,60 16,5

63571 4-Iodonitrobenzene PROSYNTH®
4-Iodonitrobenzène / 4-Yodonitrobenceno
C 6.1 2811 2 C6H4JNO2 $M = 249,01 \text{ g/mol}$
assay (GC) 97%
melting range $171-173^\circ\text{C}$



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

25 g 29,— 24,65 23,20 21,7

Iodonitromethylbenzene see Iodonitrotoluene

64086 2-Iodo-4-nitrotoluene PROSYNTH®
2-Iodo-4-nitrotoluène / 2-Yodo-4-nitrotolueno
C 6.1 2811 2 JC6H3(NO2)CH3
C7H6JNO2 $M = 263,03 \text{ g/mol}$
assay (GC) 99%
melting range $52-54^\circ\text{C}$



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

25 g 39,25 33,35 31,40 29,4

64087 2-Iodo-5-nitrotoluene PROSYNTH®
2-Iodo-5-nitrotoluène / 2-Yodo-5-nitrotolueno
C 6.1 2811 2 JC6H3(NO2)CH3
C7H6JNO2 $M = 263,03 \text{ g/mol}$
assay (GC) 98%
melting range $99-101^\circ\text{C}$



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

25 g 30,75 26,15 24,60 23,0

64088 4-Iodo-2-nitrotoluene PROSYNTH®
4-Iodo-2-nitrotoluène / 4-Yodo-2-nitrotolueno
C 6.1 2811 2 JC6H3(NO2)CH3
C7H6JNO2 $M = 263,03 \text{ g/mol}$
assay (GC) 99%
melting range $100-103^\circ\text{C}$



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

25 g 30,75 26,15 24,60 23,0

64143 Iodononane PROSYNTH®
Iodononane / Yodononano
CH3(CH2)8J
C9H19J $M = 254,16 \text{ g/mol}$ $1 \text{ L} \approx 1,29 \text{ kg}$
assay (GC) 95%
boiling range (at 11 mbar) $105-107^\circ\text{C}$
refractive index (n_D^{20}) 1,490

FL.
2902

100 ml 67,50 57,40 54,— 50,65

64119 1-Iodo-octadecane PROSYNTH®
1-Iodo-octadécane / 1-Yodo-octadecano
CH3(CH2)17J
C18H37J $M = 380,39 \text{ g/mol}$
assay (ex l) 97%
melting range $33-35^\circ\text{C}$



WG.
2902

25 g 30,75 26,15 24,60 23,0

60201 1-Iodo-octane PROSYNTH®
1-Iodo-octane / 1-Yodo-octano
CH3(CH2)7J
C8H17J $M = 240,13 \text{ g/mol}$ $1 \text{ L} \approx 1,33 \text{ kg}$
assay (GC) 98%
boiling range $224-226^\circ\text{C}$
refractive index (n_D^{20}) 1,488

FL.
2902

100 ml 42,25 35,90 33,80 31,70

-Number /ADR VE/GGVs DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
10	1-iodopentane PROSYNTH® 1-iodopentane / 1-Yodopentano	FL. 2902	100 ml	43,—	36,55	34,40	32,25
1993 2	CH ₃ (CH ₂) ₄ J						
°C	C ₅ H ₁₁ J M = 198,05 g/mol 1 L ≈ 1,51 kg						
	assay (GC) 98%						
	boiling range 154—156 °C						
	refractive index (n _D ²⁰) 1,495						
	R: 10 disposal: 7						
95	2-iodopentane PROSYNTH® 2-iodopentane / 2-Yodopentano	FL. 2902	100 ml	43,—	36,55	34,40	32,25
1993 2	CH ₃ CH(J)(CH ₂) ₂ CH ₃						
°C	C ₅ H ₁₁ J M = 198,05 g/mol 1 L ≈ 1,51 kg						
	assay (GC) 90%						
	 R: 11 S: 9-16-33 disposal: 7						
72	4-iodophenol PROSYNTH® 4-iodophénol / 4-Yodofenol	WG. 2907	10 g	42,—	35,70	33,60	31,50
/13C	JC ₆ H ₄ OH						
2811 3	C ₆ H ₅ JO M = 220,01 g/mol						
	assay (UV) 90%						
	melting range 87—90 °C						
	log ε/283 (C ₂ H ₅ OH) 3,186						
	 R: 20/21/22 S: 2-28 disposal: 7						
	2-(p-iodophenyl)-3-(p-nitro- phenyl)-5-phenyl- tetrazolium chloride see INT						
02	1-iodopropane PROSYNTH® 1-iodopropane / 1-Yodopropano	FL. 2902	250 ml	77,—	65,45	61,60	57,75
2392 2	CH ₃ (CH ₂) ₂ J						
°C	C ₃ H ₇ J M = 169,99 g/mol 1 L ≈ 1,74 kg						
	assay (GC) 98%						
	boiling range 100—102 °C						
	refractive index (n _D ²⁰) 1,505						
03	2-iodopropane PROSYNTH® 2-iodopropane / 2-Yodopropano	FL. 2902	100 ml	33,—	28,05	26,40	24,75
2392 2	CH ₃ CHJCH ₃						
°C	C ₃ H ₇ J M = 169,99 g/mol 1 L ≈ 1,70 kg						
	assay (GC) 98%						
	boiling range 88—90 °C						
	refractive index (n _D ²⁰) 1,499						
54	N-iodosuccinimide PROSYNTH® N-iodosuccinimide / N-Yodosuccinimida	WG. 2926	10 g	64,50	54,85	51,60	48,40
	COCH ₂ CH ₂ CONJ						
	C ₄ H ₄ JNO ₂ M = 224,99 g/mol						
	assay (iodometrisch) 98%						
	melting range 196—200 °C						
	keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera						
73	2-iodothiophene PROSYNTH® 2-iodothiophène / 2-Yodotiofeno	FL. 2935	25 ml	70,—	59,50	56,—	52,50
/82B	SCH=CHCH=CJ						
2810 3	C ₄ H ₃ JS M = 210,04 g/mol 1 L ≈ 2,07 kg						
	assay (GC) 98%						
	boiling range 180—182 °C						
	refractive index (n _D ²⁰) 1,651						


Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

63574	2-Iodotoluene PROSYNTH® 2-Iodotoluène / 2-Yodotolueno +82 °C CH ₃ C ₆ H ₄ I C ₇ H ₇ I M = 218,04 g/mol 1 L ≈ 1,71 kg assay (GC) 98% boiling range 210–212 °C refractive index (n _D ²⁰) 1,607	FL. 2902	50 ml	47,75	40,60	38,20	35,8
63575	3-Iodotoluene PROSYNTH® 3-Iodotoluène / 3-Yodotolueno +82 °C CH ₃ C ₆ H ₄ I C ₇ H ₇ I M = 218,04 g/mol 1 L ≈ 1,70 kg assay (GC) 98% boiling range 211–213 °C refractive index (n _D ²⁰) 1,604	FL. 2902	50 ml	52,50	44,65	42,—	39,4
63576	4-Iodotoluene PROSYNTH® 4-Iodotoluène / 4-Yodotolueno +82 °C CH ₃ C ₆ H ₄ I C ₇ H ₇ I M = 218,04 g/mol 1 L ≈ 1,68 kg assay (GC) 99% melting range 35–37 °C	FL. 2902	25 g	20,50	17,45	16,40	15,4
39089	3-Iodo-L-tyrosine BIOSYNTH® 3-Iodo-L-tyrosine / 3-Yodo-L-tirosina HOC ₆ H ₃ IJCH ₂ CH(NH ₂)COOH C ₉ H ₁₀ IJO ₃ M = 307,09 g/mol assay (ex N) 98% melting range 204–207 °C (disint.) keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2923	1 g	23,—	19,55	18,40	17,2
39396	5-Iodouridine BIOSYNTH® 5-Iodouridine / 5-Yodouridina C ₉ H ₁₁ IJN ₂ O ₆ M = 370,10 g/mol package of 100 mg Because of their registrations the ion exchangers "Permutit®" are sold in some countries under the names of Orzelith® Ion exchangers Echangeur d'ions Intercambiador de iones	2935	1 pack	21,75	18,50	17,40	16,3
69000	Permutit® RS-120 strongly acid cation exchanger, gel form, Na ⁺ -form, ball size: 0,3–1,2 mm 1 L ≈ 0,93 kg	PF. 3902	1 L	27,75	23,60	22,20	21,35
69001	Permutit® RS-90 strongly acid cation exchanger, gel form, Na ⁺ -form, ball size: 0,3–1,2 mm 1 L ≈ 0,80 kg	PF. 3902	1 L	24,75	21,05	19,80	19,05
69002	Permutit® RS-90-L strongly acid cation exchanger, gel form, Na ⁺ -form, ball size: 0,3–1,2 mm 1 L ≈ 0,80 kg	PF. 3902	1 L	25,25	21,45	20,20	19,45
69004	Permutit® RS-40 strongly acid cation exchanger, gel form, H ⁺ -form, ball size: 0,3–1,2 mm 1 L ≈ 0,78 kg	PF. 3902	1 L	32,—	27,20	25,60	24,65
69005	Permutit® RS-20 strongly acid cation exchanger, gel form, H ⁺ -form, ball size: 0,3–1,2 mm 1 L ≈ 0,78 kg	PF. 3902	1 L	188,—	159,80	150,40	144,75

-Number /ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
06	Permutit® C-65 slightly acid cation exchanger, gel form, H^+ -form, ball size: 0,3—1,2 mm 1 L \approx 0,74 kg	PF. 3902	1 L	37,—	31,45	29,60	28,50
07	Permutit® C-67 slightly acid cation exchanger, gel form, H^+ -form, ball size: 0,3—1,2 mm 1 L \approx 0,78 kg	PF. 3902	1 L	38,50	32,75	30,80	29,65
08	Permutit® RPS-120 strongly acid cation exchanger, macroporous, Na^+ -form, ball size: 0,3—1,2 mm 1 L \approx 0,78 kg	PF. 3902	1 L	28,25	24,—	22,60	21,75
09	Permutit® RSP-100 strongly acid cation exchanger, macroporous, Na^+ -form, ball size: 0,3—1,2 mm 1 L \approx 0,78 kg	PF. 3902	1 L	28,25	24,—	22,60	21,75
10	Permutit® RSP-100-I strongly acid cation exchanger with indicator, macroporous, Na^+ -form, ball size: 0,3—1,2 mm 1 L \approx 0,78 kg	PF. 3902	1 L	33,75	28,70	27,—	26,—
11	Permutit® G cation exchanger, aluminium silicate-gel, Na^+ -form granulation: 0,2—1,2 mm 1 L \approx 0,43	PF. 3819	1 L	26,25	22,30	21,—	20,20
14	Permutit® Folin cation exchanger, aluminium silicate-gel, Na^+ -form, ammonia free, granulation: 0,2—0,5 mm	PF. 3819	1 kg	188,—	159,80	150,40	144,75
16	Permutit® ESB 32 very strongly basic anion exchanger, type I, gel form, Cl^- -form, ball size: 0,2—1,2 mm 1 L \approx 0,75 kg	PF. 3902	1 L	47,50	40,40	38,—	36,60
17	Permutit® ES-26 strongly basic anion exchanger, type II, gel form, Cl^- -form, ball size: 0,3—1,2 mm 1 L \approx 0,70 kg	PF. 3902	1 L	45,25	38,45	36,20	34,85
18	Permutit® ES-32 strongly basic anion exchanger, type II, gel form, Cl^- -form, ball size: 0,2—1,2 mm 1 L \approx 0,76 kg	PF. 3902	1 L	51,—	43,35	40,80	39,25
19	Permutit® SK strongly basic anion exchanger, gel form SO_4^{2-} -form, ball size: 0,3—1,2 mm 1 L \approx 0,80 kg	PF. 3902	1 L	77,50	65,90	62,—	59,70
20	Permutit® EHP-32 very strongly basic anion exchanger, type I, gel form, Cl^- -form, ball size: 0,3—1,2 mm 1 L \approx 0,70 kg	PF. 3902	1 L	47,50	40,40	38,—	36,60
21	Permutit® ESB-274 very strongly basic anion exchanger type I, macroporous, Cl^- -form, ball size: 0,3—1,2 mm 1 L \approx 0,65 kg	PF. 3902	1 L	51,—	43,35	40,80	39,25
22	Permutit® ESB-274-I very strongly basic anion exchanger, type I, with indicator, macroporous, Cl^- -form, ball size: 0,3—1,2 mm 1 L \approx 0,65 kg	PF. 3902	1 L	63,50	54,—	50,80	48,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
69023	Permutit® ES-274 strongly basic anion exchanger, type II, macroporous, Cl ⁻ -form, ball size: 0,3—1,2 mm 1 L ≈ 0,70 kg	PF. 3902	1 L	56,50	48,05	45,20	43,80
69024	Permutit® ES-274-I strongly basic anion exchanger, type II, with indicator, macroporous, Cl ⁻ -form, ball size: 0,3—1,2 mm 1 L ≈ 0,70 kg	PF. 3902	1 L	69,—	58,65	55,20	53,10
69025	Permutit® EHP-274 very strongly basic anion exchanger, type I, macroporous, Cl ⁻ -form, ball size: 0,3—1,2 mm 1 L ≈ 0,65 kg	PF. 3902	1 L	53,50	45,50	42,80	41,20
69026	Permutit® EM-13 slightly basic anion exchanger, macroporous, free base, ball size: 0,3—1,2 mm 1 L ≈ 0,65 kg	PF. 3902	1 L	54,50	46,35	43,60	41,90
69027	Permutit® EM-13-I slightly basic anion exchanger, macroporous, with indicator, free base, ball size: 0,3—1,2 mm 1 L ≈ 0,65 kg	PF. 3902	1 L	66,50	56,55	53,20	51,20
62711	α-Ionone PROSYNTH® α-Ionone / α-Ionona <chem>(CH3)2C=CHCH2CH=CHCH2CH=CHCOCH3</chem> C ₁₃ H ₂₀ O M = 192,30 g/mol 1 L ≈ 0,93 kg assay (GC) 95% boiling range (at 17 mbar) 130—132 °C refractive index (n _D ²⁰) 1,500	FL. 2913	100 ml	43,75	37,20	35,—	32,80
63577	β-Ionone PROSYNTH® β-Ionone / β-Ionona <chem>(CH3)2C=CHCH2C(CH3)=CHCH2CH=CHCOCH3</chem> C ₁₃ H ₂₀ O M = 192,30 g/mol 1 L ≈ 0,93 kg assay (GC) 98% boiling range 263—265 °C refractive index (n _D ²⁰) 1,519	FL. 2913	100 ml	43,75	37,20	35,—	32,80
35732 A 6.1/21A C 6.1 1615 3	Ioxynil min. 99% PESTANAL® (3,5-Diiodo-4-hydroxybenzonitrile) <chem>N#CC=C(C#N)C(=O)C=C(I)C(I)=O</chem> C ₇ H ₃ I ₂ NO M = 307,92 g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2927	1 g	42,—	35,70	33,60	31,50
10435	Iridium sticks 0,5 mm Iridium / Iridio Ir M = 192,22 g/mol assay 99%	WG. 7109	1 g	200,—	170,—	160,—	150,—
10436	Iridium(III) chloride Iridium(III) chlorure / Iridio(III) cloruro IrCl ₃ M = 298,58 g/mol assay 99%	FL. 2849	1 g	172,—	146,20	137,60	129,—


Number ADR E/GGVs G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
1	Iron R. G., made by reduction <i>Fer / Hierro</i> Fe <i>M</i> = 55,85 g/mol metallic iron min. 95% total iron min. 99% soluble in water max. 0,01% insoluble in sulphuric acid max. 0,1% arsenic (As) max. 0,00005% copper (Cu) max. 0,002% manganese (Mn) max. 0,03% zinc (Zn) max. 0,003% sulphide (S) max. 0,03% total nitrogen (N) max. 0,01%	PF. PF. FTP. 7305	250 g 1 kg 50 kg	22,— 65,50 kg 35,50	18,70 55,70 35,50	17,60 52,40	16,50 50,45
3	Iron R. G. wire, 0,2 mmØ <i>Fer / Hierro</i> Fe <i>M</i> = 55,85 g/mol copper (Cu) 0,1% manganese (Mn) 0,4% nickel (Ni) 0,1%	roll of abt. 100 g 7366	1 pack	20,25	17,20	16,20	15,20
8	Iron R. G. wire, 0,57 mm Ø <i>Fer / Hierro</i> Fe <i>M</i> = 55,85 g/mol assay (total iron [Fe]) 99% copper (Cu) 0,1% manganese (Mn) 0,4% nickel (Ni) 0,1%	roll of abt. 100 g 7366	1 pack	12,50	10,65	10,—	9,40
2	Iron chem. pure made by reduction <i>Fer / Hierro</i> Fe <i>M</i> = 55,85 g/mol assay 99% soluble in water 0,05% insoluble in hydrochloric acid 0,5% arsenic (As) 0,0005% lead (Pb) 0,002% copper (Cu) 0,02% manganese (Mn) 0,05% nickel (Ni) 0,05% zinc (Zn) 0,01% chloride (Cl) 0,001% sulphide (S) 0,01%	PF. PF. S. 7305	250 g 1 kg 50 kg	14,75 44,75 kg 12,50	12,55 38,05 12,50	11,80 35,80	11,05 34,45
10	Iron fine powder <i>Fer / Hierro</i> Fe <i>M</i> = 55,85 g/mol assay 99% insoluble in hydrochloric acid 0,5% arsenic (As) 0,0005% lead (Pb) 0,002% copper (Cu) 0,005% manganese (Mn) 0,05% nickel (Ni) 0,05% zinc (Zn) 0,01% sulphide (S) 0,02%	PF. PF. S. 7305	1 kg 5 kg 50 kg	14,25 53,50 kg 5,50	12,10 44,40 5,50	11,40 41,75	10,95 40,15
15	0,100 g Iron FIXANAL® water soluble standard for atom absorption 0,100 g <i>Fer / 0,100 g Hierro</i>	ampoule 3819	1 pack	10,25	8,70	8,20	7,70
54	0,100 g organo-Iron FIXANAL® petroleum ether-soluble standard for atom absorption 0,100 g organo- <i>Fer / 0,100 g organo-Hierro</i>	ampoule 3819	1 pack	33,75	28,70	27,—	25,30
115 2	R: 10						
50	1,00 g Iron FIXANAL® watersoluble standard for atom absorption 1,00 g <i>Fer / 1,00 g Hierro</i>	ampoule 3819	1 pack	10,25	8,70	8,20	7,70

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

38860	10,00 g Iron FIXANAL as Iron(III)-chloride 10,00 g Fer / 10,00 g Hierro	ampoule	3819						
25034	Iron(III) acetate basic pure Fer(III) acétate basique / Hierro(III) acetato básico		PF.	500 g	41,75	35,50	33,40	32,1	
			PF.	1 kg	76,50	65,05	61,20	58,8	
			FTP.	50 kg	price on request				
			2914						
62596	Iron(II) acetylacetonate PROSYNTH® Fer(II) acétylacétonate / Hierro(II) acetilacetato Fe(C ₅ H ₇ O ₂) ₂ C ₁₀ H ₁₄ FeO ₄ M = 254,07 g/mol assay (ex Fe) 99% melting range 178—180 °C (disint.)		PF.	50 g	23,75	20,20	19,—	17,2	
			2945						
62597	Iron(III) acetylacetonate PROSYNTH® Fer(III) acétylacétonate / Hierro(III) acetilacetato Fe(C ₅ H ₇ O ₂) ₃ C ₁₅ H ₂₁ FeO ₆ M = 353,17 g/mol assay (ex Fe) 99% melting range 180—182 °C (disint.)		WG.	100 g	24,—	20,40	19,20	18,—	
			2945						
	Iron ammonium citrate see Ammonium iron(III) citrate								
	Iron ammonium oxalate see Ammonium iron(III) oxalate								
	Iron ammonium sulphate see Ammonium iron sulphate								
	Iron borofluoride solution see Iron(II) fluoroborate solution								
12317	Iron(II) chloride technical Fer(II) chlorure / Hierro(II) cloruro FeCl ₂ · xH ₂ O M = (anhydrous) 126,75 g/mol assay of Fe(II) 33%		PF.	1 kg	14,75	12,55	11,80	11,3	
			PF.	5 kg	55,50	46,05	43,30	41,6	
			BLT.	100 kg	price on request				
			2830						
31226	Iron(II) chloride-4-hydrate R. G. Fer(II) chlorure-4-hydrate / Hierro(II) cloruro-4-hidrato FeCl ₂ · 4H ₂ O M = 198,81 g/mol assay min. 99% iron(III) (Fe ³⁺) max. 0,2% insoluble in water max. 0,005% alkalis and earth alkalis (as sulphates) max. 0,05% arsenic (As) max. 0,0005% lead (Pb) max. 0,001% copper (Cu) max. 0,002% manganese (Mn) max. 0,005% zinc (Zn) max. 0,003% sulphate (SO ₄) max. 0,01% total nitrogen (N) max. 0,001%		PF.	250 g	17,25	14,65	13,80	12,9	
			PF.	500 g	30,—	25,50	24,—	23,1	
			PF.	1 kg	56,—	47,60	44,80	43,1	
			FTP.	50 kg	kg	28,75			
			2830						
12321	Iron(III) chloride sublimed Fer(III) chlorure / Hierro(III) cloruro FeCl ₃ M = 162,21 g/mol assay 99% arsenic (As) 0,0005% lead (Pb) 0,02% copper (Cu) 0,03% manganese (Mn) 0,15%		BL.	1 kg	14,75	12,55	11,80	11,3	
A 8/12			BL.	2,5 kg	32,—	26,55	24,95	24,—	
C 8 1773 3			BLT.	200 kg	price on request				
			2830						
31232	Iron(III) chloride-6-hydrate cryst. R. G., Reag. ACS, Reag. Ph. Eur. I Fer(III) chlorure-6-hydrate / Hierro(III) cloruro-6-hidrato FeCl ₃ · 6H ₂ O M = 270,30 g/mol assay min. 99% free acid (as HCl) max. 0,2% arsenic (As) max. 0,0005% lead (Pb) max. 0,002% iron(II) (Fe ²⁺) max. 0,005% copper (Cu) max. 0,002% zinc (Zn) max. 0,002% substances not precipitated by ammonia solution (as sulphates) max. 0,05% free chlorine (Cl) max. 0,001% phosphate (PO ₄) max. 0,002% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%		WG.	250 g	17,—	14,45	13,60	12,7	
			WG.	500 g	27,75	23,60	22,20	21,3	
			WG.	1 kg	49,75	42,30	39,80	38,3	
			WG.	2,5 kg	112,50	93,40	87,75	84,4	
			FTP.	50 kg	kg	21,25			
			2830						

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
9	Iron(III) chloride-6-hydrate pure cryst. <i>Fer(III) chlorure-6-hydrate / Hierro(III) cloruro-6-hidrato</i> $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ $M = 270,30 \text{ g/mol}$ assay 99% insoluble in water 0,05% free acid (as HCl) 0,1% arsenic (As) 0,0005% iron(II) (Fe^{2+}) 0,01% heavy metals (as Pb) 0,005% substances not precipitated by ammonia solution (as sulphates) 0,1% free chlorine (Cl) 0,005% sulphate (SO_4) 0,01%	WG.	1 kg	15,—	12,75	12,—	11,55
		WG.	2,5 kg	26,50	22,—	20,65	19,90
		FTP.	100 kg	kg	4,60		
		FTP.	5x	kg	4,35		
		FTP.	10x	kg	4,20		
		2830					
22 773 3	Iron(III) chloride solution 45% FeCl_3 pure <i>Fer(III) chlorure en solution / Hierro(III) cloruro en solución</i> FeCl_3 $M = 162,21 \text{ g/mol}$ $1 \text{ L} \approx 1,48 \text{ kg}$ crystallizes at temperatures of abt. 0°C	FL.	1 L	20,—	17,—	16,—	15,40
		FL.	2,5 L	41,75	34,65	32,55	31,30
		FPF.	40 kg	price on request			
		FPF.	40 kg	price on request			
		BLT.	40 kg	price on request			
47	Iron(III) chromate technical <i>Fer(III) chromate / Hierro(III) cromato</i> assay of iron (as Fe_2O_3) 64% assay of chromium (as CrO_3) 24%	PF.	1 kg	23,75	20,20	19,—	18,30
		S.	50 kg	price on request			
19	Iron(III) citrate 18—20% Fe, pure granular Erg. B. 6 <i>Fer(III) citrate / Hierro(III) citrato</i>	PF.	1 kg	31,50	26,80	25,20	24,25
		2916					
75 /5 2811 2	tri-Iron-dodecacarbonyl moistened with 5—10% methanol PROSYNTH® <i>tri-Fer-dodécacarbonyle / tri-Hierro-dodecacarbonil</i> $\text{Fe}_3(\text{CO})_{12}$ $\text{C}_{12}\text{Fe}_3\text{O}_{12}$ $M = 503,67 \text{ g/mol}$ assay (ex Fe) 97%  R: 23/24/25 S: 44 disposal: 10	WG.	10 g	price on request			
		2858					
06 2811 3	Iron(III) fluoride <i>Fer(III) fluorure / Hierro(III) fluoruro</i> FeF_3 $M = 112,84 \text{ g/mol}$ assay 98%	WG.	10 g	46,—	39,10	36,80	34,50
		2829					
19 2810 2	Iron(II) fluoroborate solution 42% for electroplating <i>Fer(II) fluoroborate en solution / Hierro(II) fluoroborato en solución</i> $\text{Fe}(\text{BF}_4)_2$ $M = 229,45 \text{ g/mol}$ $1 \text{ L} \approx 1,40 \text{ kg}$ assay of Fe 10,2—10,4% free fluoroboric acid (HBF_4) 1—3% free boric acid (H_3BO_3) 1—2% lead (Pb) 0,002% copper (Cu) 0,0005% manganese (Mn) 0,005% nickel (Ni) 0,0005% zinc (Zn) 0,002% chloride (Cl) 0,03% sulphate (SO_4)	PF.	1 L	22,50	19,15	18,—	17,35
		FPF.	40 kg	price on request			
05	Iron(II) fumarate <i>Fer(II) fumarate / Hierro(II) fumarato</i> $\text{C}_4\text{H}_2\text{FeO}_4$ $M = 169,90 \text{ g/mol}$ Iron(III) hydroxide see Iron(III) oxide hydrated	PF.	1 kg	17,25	14,65	13,80	13,30
		S.	50 kg	price on request			
		2915					

Code-Number

A) RID/ADR

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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

04410 Iron(III) hypophosphite chem. pure B. P. C. 1963

Fer(III) hypophosphite / Hierro(III) hipofosfito

$\text{Fe}(\text{PH}_2\text{O}_2)_3$ $M = 250,81 \text{ g/mol}$

assay 96–101 %
loss on drying (105 °C) 3 %
arsenic (As) 0,0002 %
lead (Pb) 0,005 %
chloride (Cl) 0,5 %
sulphate (SO₄) 0,01 %

PF.
BLT.
2840

1 kg 56,— 47,60 44,80 43,1
50 kg price on request

31233 Iron(III) nitrate-9-hydrate R. G., Reag. ACS

C 5.1 1466 3 *Fer(III) nitrate-9-hydrate / Hierro(III) nitrato-9-hidrato*

$\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 404,00 \text{ g/mol}$

assay min. 98 %
insoluble in water max. 0,005 %
free acid (as HNO₃) max. 0,25 %
arsenic (As) max. 0,0003 %
iron(II) (Fe²⁺) max. 0,002 %
copper (Cu) max. 0,001 %
manganese (Mn) max. 0,005 %
zinc (Zn) max. 0,0015 %
substances not precipitated by ammonia solution
(as sulphates) max. 0,1 %
chloride (Cl) max. 0,0005 %
phosphate (PO₄) max. 0,005 %
sulphate (SO₄) max. 0,005 %

PF.
PF.
PF.
FTP.
2839

250 g 11,50 9,80 9,20 8,6
500 g 16,50 14,05 13,20 12,7
1 kg 29,50 25,10 23,60 22,7
50 kg kg 15,75

12335 Iron(III) nitrate-9-hydrate chem. pure cryst.

C 5.1 1466 3 *Fer(III) nitrate-9-hydrate / Hierro(III) nitrato-9-hidrato*

$\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 404,00 \text{ g/mol}$

assay 98 %
chloride (Cl) 0,005 %
sulphate (SO₄) 0,005 %

PF.
PF.
PF.
FTP.
2839

500 g 10,75 9,15 8,60 8,3
1 kg 19,25 16,35 15,40 14,8
2,5 kg 41,25 34,25 32,20 30,9
50 kg price on request

12336 Iron(III) nitrate-9-hydrate cryst.

C 5.1 1466 3 *Fer(III) nitrate-9-hydrate / Hierro(III) nitrato-9-hidrato*

$\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ $M = 404,00 \text{ g/mol}$

assay 98 %
chloride (Cl) 0,01 %
sulphate (SO₄) 0,02 %

PF.
PF.
S.
2839

1 kg 14,50 12,35 11,60 11,15
2,5 kg 30,25 25,10 23,60 22,70
50 kg price on request

64580 di-Iron-nonacarbonyl PROSYNTH®

A 6.1/5 *di-Fer nonacarbonyle / di-Hierro nonacarbonilo*

C 6.1 2811 2

$\text{Fe}_2(\text{CO})_9$

$\text{C}_9\text{Fe}_2\text{O}_3$ $M = 363,79 \text{ g/mol}$

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



R: 23/24/25 S: 44
disposal: 10

WG.
2934

5 g price on request

25428 Iron(II) oxalate

Fer(II) oxalate / Hierro(II) oxalato

$\text{Fe}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$

$\text{C}_2\text{FeO}_4 \cdot 2\text{H}_2\text{O}$ $M = 179,90 \text{ g/mol}$

assay 99 %



R: 21/22 S: 2-24/25
disposal: 8

PF.
S.
2915

1 kg 19,75 16,80 15,80 15,20
50 kg price on request

Number ADR /GGVS -CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
	Iron(III) oxide R. G., standard titrimetric substance <i>Fer(III) oxyde / Hierro(III) óxido</i> Fe_2O_3 $M = 159,69$ g/mol assay min. 99% soluble in water max. 0,02% insoluble in hydrochloric acid max. 0,01% lead (Pb) max. 0,001% calcium (Ca) max. 0,05% magnesium (Mg) max. 0,03% manganese (Mn) max. 0,005% nickel (Ni) max. 0,002% zinc (Zn) max. 0,005% chloride (Cl) max. 0,01% sulphate (SO_4) max. 0,01% silicate (SiO_2) max. 0,005% total nitrogen (N) max. 0,005%	PF. PF. 2823	100 g	30,75	26,15	24,60	23,05
			250 g	65,—	55,25	52,—	48,75
14	Iron(III) oxide chem. pure red <i>Fer(III) oxyde / Hierro(III) óxido</i> Fe_2O_3 $M = 159,69$ g/mol assay 99,5% loss on ignition 0,3% calcium (Ca) 0,05% manganese (Mn) 0,05% phosphate (PO_4) 0,01% sulphate (SO_4) 0,01%	PF. PF. FTP. 2823	250 g	21,50	18,30	17,20	16,15
			1 kg	62,50	53,15	50,—	48,15
			50 kg	price on request			
13	Iron(III) oxide pure red <i>Fer(III) oxyde / Hierro(III) óxido</i> Fe_2O_3 $M = 159,69$ g/mol assay 98% insoluble in hydrochloric acid 1% loss on ignition 0,5% arsenic (As) 0,005% copper (Cu) 0,1% manganese (Mn) 0,05% zinc (Zn) 0,05% phosphate (PO_4) 0,01% sulphate (SO_4) 0,03%	PF. PF. S. 2823	1 kg	16,75	14,25	13,40	12,90
			5 kg	62,50	51,90	48,75	46,90
			25 kg	price on request			
42	Iron(III) oxide purified red <i>Fer(III) oxyde / Hierro(III) óxido</i> Fe_2O_3 $M = 159,69$ g/mol assay 97% insoluble in hydrochloric acid 2,5% loss on ignition 0,5% arsenic (As) 0,005% copper (Cu) 0,1% manganese (Mn) 0,1% zinc (Zn) 0,1% phosphate (PO_4) 0,03% sulphate (SO_4)	PF. PF. S. 2823	1 kg	16,25	13,80	13,—	12,50
			5 kg	60,50	50,20	47,20	45,40
			25 kg	price on request			
46	Iron(III) oxide hydrated abt. 80% Fe_2O_3, purified <i>Fer(III) oxyde hydraté / Hierro(III) óxido hidratado</i> $\text{Fe}_2\text{O}_3 \cdot \text{H}_2\text{O}$ $M = (\text{anhydrous}) 159,69$ g/mol	PF. BL. 2823	1 kg	27,25	23,15	21,80	21,—
			5 kg	102,50	85,10	79,95	76,90
40	Iron phosphate Erg. B. 6, B. P. C. 1973 <i>Fer phosphate / Hierro fosfato</i> assay of total iron (Fe) 33% assay of iron(II) (Fe^{2+}) 16% arsenic (As) 0,0002% heavy metals (as Pb) 0,005% sulphate (SO_4) 0,2%	PF. PF. S. 2840	500 g	22,75	19,35	18,20	17,50
			1 kg	41,50	35,30	33,20	31,95
			25 kg	price on request			
41	Iron(III) phosphate powder Erg. B. 6 <i>Fer(III) phosphate / Hierro(III) fosfato</i> $\text{FePO}_4 \cdot \text{ca.}4\text{H}_2\text{O}$ $M = (\text{anhydrous}) 150,82$ g/mol assay of iron (Fe) 26% foreign heavy metals (as Pb) 0,005% arsenic (As) 0,0004% chloride (Cl) 0,05% sulphate (SO_4) 0,1%	PF. PF. S. 2840	500 g	29,25	24,85	23,40	22,50
			2,5 kg	119,—	98,75	92,80	89,25
			25 kg	price on request			
Iron pyrites see Iron(II) sulphide for preparing hydrogen sulphide							

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x
(1 Box) (4 Boxes) (18 Boxes)

Iron sesquichloride see Iron(III) chloride							
Iron sodium citrate see Sodium iron(III) citrate							
12411	Iron sulphamate solution <i>Fer sulfamate en solution / Hierro sulfamato en solución</i> $\text{Fe}(\text{SO}_3\text{NH}_2)_2$ $M = 248,02$ g/mol	PF. FPF. 2840	1 L 40 kg	price on request price on request			
31236	Iron(II) sulphate-7-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Fer(II) sulfate-7-hydrate / Hierro(II) sulfato-7-hidrato</i> $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 278,02$ g/mol assay min. 99% insoluble in water max. 0,01% free acid (as H_2SO_4) max. 0,2% lead (Pb) max. 0,0005% calcium (Ca) max. 0,005% iron(III) (Fe^{3+}) max. 0,01% potassium (K) max. 0,002% copper (Cu) max. 0,001% manganese (Mn) max. 0,05% sodium (Na) max. 0,002% zinc (Zn) max. 0,002% chloride (Cl) max. 0,0005% phosphate (PO_4) max. 0,001%	PF. PF. PF. FTP. 2838	500 g 1 kg 2,5 kg 50 kg	12,— 20,— 42,75 kg	10,20 17,— 35,50 10,25	9,60 16,— 33,35	9 15 32
12353	Iron(II) sulphate exsiccated pure DAB 6, B. P. 1973 <i>Fer(II) sulfate / Hierro(II) sulfato</i> $\text{FeSO}_4 \cdot \text{ca. } 1,5\text{H}_2\text{O}$ $M = (\text{anhydrous}) 151,91$ g/mol assay (FeSO_4) 85% arsenic (As) 0,0002% lead (Pb) 0,002% copper (Cu) 0,003% manganese (Mn) 0,08% zinc (Zn) 0,01% substances not precipitated by ammonia solution (as sulphates) 0,1%	PF. PF. S. 2838	1 kg 5 kg 50 kg	11,— 38,50 price on request	9,35 31,95	8,80 30,05	8,4 28,5
12352	Iron(II) sulphate-7-hydrate pure cryst. U. S. P. XIX <i>Fer(II) sulfate-7-hydrate / Hierro(II) sulfato-7-hidrato</i> $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 278,02$ g/mol assay 99,8% arsenic (As) 0,0001% lead (Pb) 0,0005% copper (Cu) 0,001% manganese (Mn) 0,08% mercury (Hg) 0,0002% zinc (Zn) 0,01% substances not precipitated by ammonia solution (as sulphates) 0,05% chloride (Cl) 0,03%	PF. PF. S. 2838	1 kg 5 kg 50 kg	10,50 31,50 price on request	8,95 26,15	8,40 24,55	8,1 23,6
12354	Iron(II) sulphate-7-hydrate pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franc. IX <i>Fer(II) sulfate-7-hydrate / Hierro(II) sulfato-7-hidrato</i> $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 278,02$ g/mol assay 99,5% pH (5%, 20 °C) 3,0-4,0 arsenic (As) 0,0001% manganese (Mn) 0,08% foreign heavy metals (as Pb) 0,002% zinc (Zn) 0,01% substances not precipitated by ammonia solution (as sulphates) 0,05% chloride (Cl) 0,02%	PF. PF. S. 2838	2,5 kg 5 kg 50 kg	16,25 29,— price on request	13,50 24,05	12,70 22,60	12,2 21,7
12360	Iron(II) sulphate-7-hydrate crude cryst. <i>Fer(II) sulfate-7-hydrate / Hierro(II) sulfato-7-hidrato</i> $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 278,02$ g/mol assay 97% pH (5%, 20 °C) 2,5—3,5 lead (Pb) 0,01% copper (Cu) 0,05% zinc (Zn) 0,05%	PF. S. 2838	5 kg 50 kg	25,— price on request	20,75 19,50	18,7	

Number ADR E/GGVS G-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
05	Iron(II) sulphate exsiccated technical <i>Fer(II) sulfate / Hierro(II) sulfato</i> $\text{FeSO}_4 \cdot \text{ca. } 1,5\text{H}_2\text{O}$ $M = (\text{anhydrous}) 151,91 \text{ g/mol}$ assay (FeSO_4) 85%	PF. S. 2838 5 kg 50 kg	29,50 price on request	24,50	23,—	22,15
17	0,1 mol Iron(II) sulphate FIXANAL® 27,802 g $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ for 1 L 0,1 N solution 0,1 mol <i>Fer(II) sulfate / 0,1 mol Hierro(II) sulfato</i> ampoule	3819 1 pack	8,75	7,45	7,—	6,55
35	Iron(III) sulphate R. G. <i>Fer(III) sulfate / Hierro(III) sulfato</i> $\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$ $M (\text{anhydrous}) = 399,88 \text{ g/mol}$ assay of iron (Fe) 21—23% insoluble in hydrochloric acid max. 0,01% arsenic (As) max. 0,0005% iron(II) (Fe^{2+}) max. 0,02% copper (Cu) max. 0,002% zinc (Zn) max. 0,005% substances not precipitated by ammonia solution (as sulphates) max. 0,05% chloride (Cl) max. 0,005% nitrate (NO_3) max. 0,02% phosphate (PO_4) max. 0,003%	PF. PF. FTP. 2838 500 g 1 kg 25 kg	14,75 26,75 kg 13,50	12,55 22,75	11,80 21,40	11,35 20,60
57	Iron(III) sulphate chem. pure <i>Fer(III) sulfate / Hierro(III) sulfato</i> $\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$ $M (\text{anhydrous}) = 399,88 \text{ g/mol}$ assay of iron (Fe) 22% iron(II) (Fe^{2+}) 0,05% copper (Cu) 0,005% zinc (Zn) 0,005% substances not precipitated by ammonia solution (as sulphates) 0,1% chloride (Cl) 0,005% nitrate (NO_3) 0,01%	PF. PF. S. 2838 1 kg 5 kg 25 kg	19,75 74,— price on request	16,80 61,40	15,80 57,70	15,20 55,50
358	Iron(III) sulphate exsiccated, technical <i>Fer(III) sulfate / Hierro(III) sulfato</i> $\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$ $M (\text{anhydrous}) = 399,88 \text{ g/mol}$ assay of iron (Fe) 21,0—22,5% free acid (H_2SO_4) 3%	PF. S. 2838 1 kg 25 kg	11,50 price on request	9,80	9,20	8,85
239	Iron(II) sulphide sticks for preparing hydrogen sulphide <i>Fer(II) sulfure / Hierro(II) sulfuro</i> sulphide sulphur (S) 29%	PF. PF. 2835 1 kg 5 kg	16,25 64,50	13,80 53,55	13,— 50,30	12,50 48,40
365	Iron(II) sulphide lumps <i>Fer(II) sulfure / Hierro(II) sulfuro</i> sulphide sulphur (S) 29%	PF. BLT. 2835 1 kg 100 kg	13,75 price on request	11,70	11,—	10,60
363	Iron(II) sulphide thin sticks <i>Fer(II) sulfure / Hierro(II) sulfuro</i> sulphide sulphur (S) 29%	PF. PF. BLT. 2835 1 kg 5 kg 50 kg	15,50 58,50 price on request	13,20 48,55	12,40 45,65	11,95 43,90
366	Iron(II) sulphide powder <i>Fer(II) sulfure / Hierro(II) sulfuro</i> sulphide sulphur (S) 29%	PF. PF. BLT. 2835 1 kg 5 kg 100 kg	15,— 57,50 price on request	12,75 47,75	12,— 44,85	11,55 43,15
319	Isatin R. G. <i>Isatine / Isatina</i> $\text{C}_6\text{H}_4\text{NHCOCO}$ $\text{C}_8\text{H}_5\text{NO}_2$ $M = 147,13 \text{ g/mol}$ assay (ex N) min. 99% melting range 199—202 °C insoluble in ethanol max. 0,01% sulphated ash max. 0,05% suitability for the silver proof passes test	PF. 2935 25 g	13,25	11,25	10,60	9,95

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Type of package
 B.T.N.

Price per
 package DM

1x
 (1 Box)

6x
 (6 Boxes)

24x
 (24 Boxes)


96
 (96 Boxes)

62691 Isatoic anhydride PROSYNTH®
Anhydride isatoïque / Anhidrido isatóico
 $C_6H_4COOCONH$
 $C_6H_5NO_3$ $M = 163,13$ g/mol
 assay (alkalimetric) 97%
 melting range 235–239 °C (disint.)
Isoamyl bromide see 1-Bromo-3-methylbutane
Isoamyle acetate see *iso*-Amyl acetate
Isobutanol see *iso*-Butanol
Isobutyl bromide see 1-Bromo-2-methylpropane
Isobutyl iodide see 1-Iodo-2-methylpropane

60393 Isobutyryl chloride PROSYNTH®
Isobutyryle chlorure / Isobutirilo cloruro
 $(CH_3)_2CHCOCl$
 C_4H_7ClO $M = 106,55$ g/mol $1\text{ L} \approx 1,02$ kg
 assay 99%
 boiling range 91–92 °C
 refractive index (n_D^{20}) 1,408
Iso-Compounds see also under the name of the radical
Isoniazide see *iso*-Nicotinic acid hydrazide

60461 Isooctadecanoic acid PROSYNTH®
Acide isooctadécanoïque / Acido isooctadecanóico
 $C_{18}H_{36}O_2$ $M = 286,48$ g/mol $1\text{ L} \approx 0,88$ kg
 assay 97%
 refractive index (n_D^{20}) 1,450
Isooctane see *iso*-Octane
Isopentyl alcohol see 3-Methyl-1-butanol
Isopentyl bromide see 1-Bromo-3-methylbutane

62695 Isophorone PROSYNTH®
Isophorone / Isoforona
 $(CH_3)_2CCH_2C(CH_3)_2CHCOCH_3$
 $C_{15}H_{28}O$ $M = 138,21$ g/mol $1\text{ L} \approx 0,92$ kg
 assay (GC) 98%
 boiling range 212–214 °C
 refractive index (n_D^{20}) 1,476

 R: 36/37/38 S: 26
 disposal: 6

Isoprene see 2-Methylbutadiene-(1,3)
Isoprene alcohol see 2-Methylbutanol-(2)
Isopropanol see Propanol-(2)
Isopropyl alcohol see Propanol-(2)
Isopropylamine, mono see *iso*-Propylamine, mono
Isopropyl bromide see 2-Bromopropane
Isopropylbromoallylbarbituric acid see
iso-Propylbromoallylbarbituric acid
Isopropyl ether see Di-*iso*-propyl ether
Isopropyl iodide see 2-Iodopropane
Isopropylphenazone see *iso*-Propylphenazone

PF.
 2925

100 g 15,75 13,40 12,60 11,1

FL.
 2914


250 ml 22,50 19,15 18,— 16,9

FL.
 2914

250 ml 39,25 33,35 31,40 29,45

FL.
 2913

1 L 22,— 18,70 17,60 16,95

Number ADR E/GGVs G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
2	Isoquinoline PROSYNTH® <i>Isoquinoléine / Isoquinolina</i> $C_8H_4CH=CHN=CH$ C_9H_7N $M=129,16$ g/mol assay (GC) 98% melting range 23–26 °C	FL. 2935	100 ml	29,25	24,85	23,40	21,95
98	Itaconic acid PROSYNTH® <i>Acide itaconique / Acido itacónico</i> $HOOCCH_2C(=CH_2)COOH$ $C_5H_6O_4$ $M=130,10$ g/mol assay (alkalimetric) 99% melting range 165–168 °C	PF. 2915	500 g	22,—	18,70	17,60	16,95
Janus green see Diazine green							
Jenner's solution see Eosin methylene blue solution according to Jenner							
Jewelers red see Iron(III) oxide							
88	Juglone PROSYNTH® <i>Juglone / Juglona</i> $HOOC_6H_3COCH=CHCO$ $C_{10}H_6O_3$ $M=174,16$ g/mol assay 97% melting range 152–154 °C	FL. 2913	1 g	28,75	24,45	23,—	21,55
20	Juniper tar <i>Huile de cade / Aceite de cada</i>	EKL. 3809	30 kg	price on request			
4	Kalignost® (Sodium tetraphenylborate/boron) R. G. Reag. ACS ® = trade mark of Heyl & Co., Berlin $Na[B(C_6H_5)_4]$ $C_{24}H_{20}BNa$ $M=342,22$ g/mol assay min. 99,5% loss on drying (105 °C, 2 h) max. 0,5% keep cool à stocker au frais consérvese frio	WG.	10 g	32,75	27,85	26,20	24,55
°C		WG.	25 g	69,—	58,65	55,20	51,75
22		WG.	100 g	230,—	195,50	184,—	172,50
		2934					
27	Kaolin light, B. P. 1973 <i>Kaolin / Caolin</i>	PF. S. 2507	5 kg 25 kg	41,50 price on request	34,45	32,35	31,15
616	Kaolin heavy powder Ph. Eur. I, B.P. 1973, Ph. Franç. IX <i>Kaolin / Caolina</i> soluble in acid (as sulphates) 0,5% acidly or alkalinely reacting impurities passes test heavy metals (as Pb) 0,002% chloride (Cl) max. 0,02 % sulphates (SO ₄) max. 0,05% adsorption capacity passes test swelling capacity passes test	K. 2507	5 kg	40,50	33,60	31,60	30,40
672	Kaolin finest powder <i>Kaolin / Caolina</i> loss on ignition (800 °C) 14% soluble in acid 1% iron (Fe) 0,1%	PF. S. 2507	5 kg 25 kg	41,50 price on request	34,45	32,35	31,15
904	Katioran® on request						
1/82B	Kelevan min. 99% PESTANAL® $C_{17}H_{12}Cl_{10}O_4$ $M=634,81$ g/mol R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	39,25	33,35	31,40	29,45
1 1815 3							

Code Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.


Price per
package DM


1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

Code Number	Description	Type of package B.T.N.	Weight	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (96 Boxes)
39635	Kel F-grease No. 10 for gas chromatography <i>Kel F-huile No. 10 / Kel F-aceite No. 10</i> working temperature to 100 °C	WG. 3902	50 g	47,50	40,40	38,—	35,6	
35733 A 6.1/81B C 6.1 / 3	Keltan (Dicofol) min. 99% PESTANAL® [2,2,2-Trichloro-1,1-bis-(4-chlorophenyl)- ethanol] <chem>ClC6H4C(OH)(CCl3)C6H4Cl</chem> <chem>C14H9Cl5O</chem> $M = 370,49$ g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2904	1 g	56,50	48,05	45,20	42,4	
39267	2-Ketobutyric acid sodium salt BIOSYNTH® <i>Acide 2-cétobutyrique sel sodique / Acido 2-cetobutirico sal sódica</i> <chem>CH3CH2COCOONa</chem> <chem>C4H5NaO3</chem> $M = 124,07$ g/mol	WG. 2916	5 g	71,—	60,35	56,80	53,2	
39111	2-Ketoglutaric acid BIOSYNTH® <i>Acide 2-cétoglutarique / Acido 2-cetoglutarico</i> <chem>HOOCCH2CH2COCOOH</chem> <chem>C5H6O5</chem> $M = 146,10$ g/mol assay (alkalimetric) 99% melting range 115—116 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. 2916	100 g	37,25	31,65	29,80	27,95	
63590	Khellin PROSYNTH® <i>Khelline / Kellino</i> <chem>C14H12O5</chem> $M = 260,25$ g/mol assay (UV) 99,5% log ϵ_{247} (C ₂ H ₅ OH) 4,56	WG. 2935	10 g	29,25	24,85	23,40	21,95	
31689	Kieselguhr DG for thin-layer chromatography <i>Kieselguhr DG / Tierra silícea DG</i> gypsum content 10% granulation less than 32 μ m (400 mesh ASTM) pour density 0,25 g/ml	PF. 2512	1 kg	48,—	40,80	38,40	36,95	
18514	Kieselguhr purified calcined Erg. B. 6 <i>Kieselguhr / Tierra silícea</i> soluble in hydrochloric acid (25%) 1% loss on ignition 0,1% iron (Fe) 0,05% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,01% Kieselguhr for gas chromatography see also Chromosorb® Kjeldahl see Sulphuric acid according to Kjeldahl Knipping see Sulphuric acid according to Knipping	PF. S. 2512	1 kg 25 kg	13,— kg	11,05 3,25	10,40	10,—	
33333	Kojic acid R. G. <i>Acide kojique / Acido kójico</i> <chem>OCH=C(OH)COCH=CCH2OH</chem> <chem>C6H6O4</chem> $M = 142,11$ g/mol Kollidon® on request Krönig's cover glass cement see Cover glass cement Kubel-Tiemann's litmus solution see Litmus solution acc. to Kubel and Tiemann Kühne's solution see Carbol-methylene blue solution acc. to Kühne	WG. 2944	10 g	32,75	27,85	26,20	24,55	

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
91	Kynurenic acid PROSYNTH® <i>Acide cynurénique / Acido cinurénico</i> $C_6H_4N = C(COOH)CH = COH$ $C_{10}H_7NO_3$ $M = 189,17$ g/mol assay (ex N) 95%	WG. 2935	5 g	98,—	83,30	78,40	73,50
	Lacmoid see Resorcinol blue						
69	Lactalbumin hydrolysate BIOSYNTH® <i>Lactalbumine hydrolysée / Lactalbúmina hidrolizada</i>	WG. 3502	250 g	32,75	27,85	26,20	24,55
15	Lactic acid 80% for edible purposes <i>Acide lactique / Acido láctico</i> $CH_3CH(OH)COOH$ $C_3H_6O_3$ $M = 90,08$ g/mol $1\text{ L} \approx 1,20$ kg	PF. F. 2916	1 L 70 kg	24,25 kg	20,60 7,70	19,40	18,65
14	Lactic acid 90—92%, chem. pure, Ph. Eur. I, Ph. Franç. IX <i>Acide lactique / Acido láctico</i> $CH_3CH(OH)COOH$ $C_3H_6O_3$ $M = 90,08$ g/mol $1\text{ L} \approx 1,21$ kg	PF. PF. PF. F. 2916	500 ml 1 L 2,5 L 70 kg	17,— 29,— 64,50 kg	14,45 24,65 53,55 9,90	13,60 23,20 50,30	13,10 22,35 48,40
92	L(+)-Lactic acid solution 20% in water, PROSYNTH® <i>Acide L(+)-lactique en solution / Acido L(+)-láctico en solución</i> $CH_3CH(OH)COOH$ $C_3H_6O_3$ $M = 90,08$ g/mol $1\text{ L} \approx 1,05$ kg assay (alkalimetric) 20% spec. rotation ($[\alpha]_D^{25}$, $c = 20$ in H_2O) $+2,5^\circ$	FL. 2916	100 ml	58,50	49,75	46,80	43,90
202	Lactic acid solution 1 mol/l 1 N volumetric solution <i>Acide lactique en solution 1 mol/l / Acido láctico en solución 1 mol/l</i> $1\text{ L} \approx 1,03$ kg	FL. 3819	1 L	20,25	17,20	16,20	15,60
469	L-Lactic acid sodium salt BIOSYNTH® <i>Acide L-lactique, sel sodique / Acido L-láctico, sal sódica</i> $CH_3CH(OH)COONa$ $C_3H_5NaO_3$ $M = 112,06$ g/mol	WG. 2916	10 g	48,75	41,45	39,—	36,55
054 1/21 1 1935 1 7°C	DL-Lactonitrile PROSYNTH® <i>DL-Lactonitrile / DL-Láctonitrilo</i> $CH_3CH(OH)CN$ C_3H_5NO $M = 71,08$ g/mol $1\text{ L} \approx 0,99$ kg assay (ex N) 90% boiling range (at 33 mbar) $77-79^\circ\text{C}$ refractive index (n_D^{20}) 1,396  R: 23/24/25 S: 44 disposal: 15	FL. 2927	25 ml	17,—	14,45	13,60	12,75
411	D(+)-Lactose (milk sugar) for bacteriology <i>D(+)-Lactose / D(+)-Lactosa</i> $C_{12}H_{22}O_{11} \cdot H_2O$ $M = 360,31$ g/mol	PF. 1702	1 kg	19,—	16,15	15,20	14,65
5745	D(+)-Lactose (milk sugar) powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>D(+)-Lactose / D(+)-Lactosa</i> $C_{12}H_{22}O_{11} \cdot H_2O$ $M = 360,31$ g/mol	PF. PF. S. FTP. 1702	1 kg 2,5 kg 25 kg 50 kg	13,25 26,75 price on request price on request	11,25 22,20	10,60 20,85	10,20 20,05
	Laevulose see D(-)-Fructose						
	Lamp, black see Charcoal activated						



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B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (192 Boxes)




18821	Lanolin DAB 8 <i>Lanoline / Lanolina</i> drop point 38–42 °C soluble in water 0,05 % loss on drying (105 °C, 2 h) 0,3 % ash 0,05 % hydroxyl number 30 acid number 0,5 saponification number 95 chloride (Cl) 0,002 % sulphate (SO ₄) 0,005 %	BL. BLT. 1505	1 kg 50 kg	27,25 price on request	23,15	21,80	21,
10571	Lanthanum lumps <i>Lanthane / Lantano</i> La M = 138,92 g/mol assay 99 %	WG. 2805	10 g	49,25	41,85	39,40	36,9
38667 A 3/3 C 3.3 1115 2 +25 °C	0,100 g organo-Lanthanum FIXANAL® petroleum ether- soluble standard for atom absorption <i>0,100 g organo-Lanthane / 0,100 g organo-Lantano</i> R: 10 ampoule	3819	1 pack	33,75	28,70	27,—	25,3
31820	Lanthanum chloride-7-hydrate R. G. <i>Lanthane chlorure-7-hydrate / Lantano cloruro-7-hidrato</i> LaCl ₃ · 7H ₂ O M = 371,37 g/mol assay min. 99 % insoluble in water max. 0,005 % calcium (Ca) max. 0,0005 % iron (Fe) max. 0,0005 % potassium (K) max. 0,001 % magnesium (Mg) max. 0,0005 % sodium (Na) max. 0,001 % heavy metals (as Pb) max. 0,0005 % sulphate (SO ₄) max. 0,005 %	PF. 2852	100 g	32,50	27,65	26,—	24,4
10572 C 6.1 2811 3	Lanthanum fluoride <i>Lanthane fluorure / Lantano fluoruro</i> LaF ₃ M = 195,90 g/mol assay 99 %	WG. 2852	10 g	42,75	36,35	34,20	32,05
31617 C 5.1 1477 2	Lanthanum nitrate-6-hydrate R. G., Reag. Ph. Eur. I <i>Lanthane nitrate-6-hydrate / Lantano nitrato-6-hidrato</i> La(NO ₃) ₃ · 6H ₂ O M = 433,01 g/mol assay min. 99 % insoluble in water max. 0,005 % calcium (Ca) max. 0,002 % cerium (Ce) max. 0,03 % iron (Fe) max. 0,0005 % magnesium (Mg) max. 0,002 % sodium (Na) max. 0,001 % neodymium (Nd) max. 0,02 % praseodymium (Pr) max. 0,02 % heavy metals (as Pb) max. 0,002 % chloride (Cl) max. 0,002 % sulphate (SO ₄) max. 0,005 %	WG. PF. 2852	25 g 100 g	11,25 37,75	9,55 32,10	9,— 30,20	8,45 28,30
31819	Lanthanum(III) oxide for atom-spectroscopy <i>Lanthane(III) oxyde / Lantano(III) óxido</i> La ₂ O ₃ M = 325,81 g/mol	PF. PF. PF. 2852	50 g 250 g 1 kg	95,— 393,— 1308,—	80,75 334,05 1111,80	76,— 314,40 1046,40	71,25 294,75 1007,15
10573	Lanthanum(III) oxide <i>Lanthane oxyde / Lantano óxido</i> La ₂ O ₃ M = 325,81 g/mol assay 99 %	PF. 2852	100 g	28,25	24,—	22,60	21,20






Number ADR /GGVS -CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
Lauraldehyde PROSYNTH® <i>Aldéhyde laurique / Aldehido láurico</i> $\text{CH}_3(\text{CH}_2)_{10}\text{CHO}$ $\text{C}_{12}\text{H}_{24}\text{O}$ $M = 184,32 \text{ g/mol}$ $1 \text{ L} \approx 0,84 \text{ kg}$ assay (GC) 98% boiling range (at 133 mbar) 183—185 °C refractive index (n_D^{20}) 1,436	FL. 2911	100 ml	30,75	26,15	24,60	23,05
Lauric acid BIOSYNTH® <i>Acide laurique / Acido láurico</i> $\text{CH}_3(\text{CH}_2)_{10}\text{COOH}$ $\text{C}_{12}\text{H}_{24}\text{O}_2$ $M = 200,32 \text{ g/mol}$ assay (GC) 99%	PF. 2914	250 g	35,50	30,20	28,40	26,65
Lauric acid PROSYNTH® <i>Acide laurique / Acido láurico</i> $\text{CH}_3(\text{CH}_2)_{10}\text{COOH}$ $\text{C}_{12}\text{H}_{24}\text{O}_2$ $M = 200,32 \text{ g/mol}$ assay (GC) 98% melting range 42—44 °C	PF. 2914	1 kg	38,25	32,50	30,60	29,45
Lauronitrile PROSYNTH® <i>Lauronitrile / Lauronitrilo</i> $\text{CH}_3(\text{CH}_2)_{10}\text{CN}$ $\text{C}_{12}\text{H}_{23}\text{N}$ $M = 181,32 \text{ g/mol}$ $1 \text{ L} \approx 0,82 \text{ kg}$ assay (GC) 98% boiling range (at 13 mbar) 129—131 °C refractive index (n_D^{20}) 1,436	FL. 2927	100 ml	38,—	32,30	30,40	28,50
<div>  <div> R: 20/21/22 S: 28 disposal: 15 </div> </div> Lauroyl chloride PROSYNTH® <i>Lauroyle chlorure / Lauroilo cloruro</i> $\text{CH}_3(\text{CH}_2)_{10}\text{COCl}$ $\text{C}_{12}\text{H}_{23}\text{ClO}$ $M = 218,77 \text{ g/mol}$ $1 \text{ L} \approx 0,92 \text{ kg}$ assay (GC) 99% boiling range (at 13 mbar) 140—142 °C refractive index (n_D^{20}) 1,446	FL. 2914	250 ml	36,—	30,60	28,80	27,—
<div>  <div> R: 36/37/38 S: 26 disposal: 21 </div> </div> Lauryl alcohol see 1-Dodecanol Laurylamine see Dodecylamine Lauryl mercaptan see Dodecanethiol-(1) Lauth's violet see Thionine						
Lead R. G. foil, Reag. ACS <i>Plomb / Plomo</i> Pb $M = 207,2 \text{ g/mol}$ insoluble in nitric acid max. 0,02% antimony (Sb) max. 0,001% arsenic (As) max. 0,0001% iron (Fe) max. 0,001% copper (Cu) max. 0,0003% nickel (Ni) max. 0,001% silver (Ag) max. 0,0002% bismuth (Bi) max. 0,005% tin (Sn) max. 0,001%	P. 7803	500 g	24,75	21,05	19,80	19,05

Code-Number
A) R.D.-ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 96
package DM (1 Box) (4 Boxes) (16 Boxes)

31133	Lead R. G., granular, for the filling of reductors, Reag. ACS <i>Plomb / Plomo</i> Pb $M = 207,2$ g/mol insoluble in nitric acid max. 0,02 % antimony (Sb) max. 0,001 % arsenic (As) max. 0,0001 % iron (Fe) max. 0,001 % copper (Cu) max. 0,0003 % nickel (Ni) max. 0,001 % silver (Ag) max. 0,0002 % bismuth (Bi) max. 0,0005 % tin (Sn) max. 0,001 %	PF. 7804	500 g	27,75	23,60	22,20	21,00
11502	Lead pure granular <i>Plomb / Plomo</i> Pb $M = 207,2$ g/mol antimony (Sb) 0,005 % arsenic (As) 0,0001 % iron (Fe) 0,001 % copper (Cu) 0,0005 % silver (Ag) 0,0003 % tin (Sn) 0,005 %	PF. PF. PF. 7804	250 g 1 kg 5 kg	17,75 33,75 126,—	15,10 28,70 104,60	14,20 27,— 98,30	13,00 26,— 94,50
38602 A 6.1/72 C 6.1 2810 3	0,100 g Lead FIXANAL® water-soluble standard for atom absorption <i>0,100 g Plomb / 0,100 g Plomo</i>	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						
38650 A 3/3 C 3.3 1992 2 + 25 °C	0,100 g organo-Lead FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Plomb / 0,100 g organo-Plomo</i>	3819	1 pack	33,75	28,70	27,—	25,30
	ampoule						
	R: 10						
38555 A 6.1/72 C 6.1 2810 3	1,00 g Lead FIXANAL® watersoluble standard for atom absorption <i>1,00 g Plomb / 1,00 g Plomo</i>	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						
	 R: 22 S: 24/25						
38830 A 6.1/72 C 6.1 2810 3	10,00 g Lead FIXANAL® as Lead nitrate <i>10,00 g Plomb / 10,00 g Plomo</i>	3819	1 pack	18,75	15,95	15,—	14,00
	ampoule						
	 R: 22 S: 24/25						
32306 A 6.1/72 C 6.1 * 1616 3	Lead acetate basic for sugar analysis according to Horne, Reag. ACS <i>Plomb acetate / Plomo acetato</i> assay of total lead (Pb) min. 72 % basic lead (as PbO) min. 33 % insoluble in water max. 1 % insoluble in acetic acid max. 0,02 % loss on drying (105 °C, 2 h) max. 1,5 % alkalis and earth alkalis (as sulphates) max. 0,3 % iron (Fe) max. 0,002 % copper (Cu) max. 0,002 % chloride (Cl) max. 0,003 % nitrate (NO ₃) max. 0,003 %	PF. PF. FTP. 2914	1 kg 5 kg 50 kg	22,50 86,— kg 9,75	19,15 71,40	18,— 67,10	17,35 64,50
	 R: 20/22-33 S: 13-20/21 disposal: 26						

Number ADR E/GGVs G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
7 72 1616 3	Lead acetate trihydrate R. G. Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Plomb acétate trihydrate / Plomo acetato trihidrato</i> $Pb(CH_3COO)_2 \cdot 3H_2O$ $C_4H_6O_4Pb \cdot 3H_2O$ $M = 379,33$ g/mol assay 99—101 % insoluble in acetic acid max. 0,005 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,001 % potassium (K) max. 0,005 % copper (Cu) max. 0,001 % magnesium (Mg) max. 0,005 % sodium (Na) max. 0,005 % chloride (Cl) max. 0,0005 % nitrate (NO ₃) max. 0,001 %  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. PF. FTP. 2914	250 g 500 g 1 kg 50 kg	12,75 21,50 38,50 kg	10,85 18,30 32,75 18,—	10,20 17,20 30,80	9,55 16,55 29,65
504 1/72 1 1616 3	Lead acetate trihydrate chem. pure cryst. B. P.C. 1973, N. F. X <i>Plomb acétate trihydrate / Plomo acetato trihidrato</i> $Pb(CH_3COO)_2 \cdot 3H_2O$ $C_4H_6O_4Pb \cdot 3H_2O$ $M = 379,33$ g/mol assay 99,8 % iron (Fe) 0,001 % copper (Cu) 0,001 % chloride (Cl) 0,001 %  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. S. S. 2914	1 kg 5 kg 50 kg 5x	19,— 73,— kg kg	16,15 62,05 6,70 6,40	15,20 58,40	14,65 56,20
503 1/72 1 2810 3	Lead acetate solution basic (abt. 18% Pb) DAB 6 <i>Plomb acétate en solution / Plomo acetato en solución</i> 1 L \approx 1,23 kg	FL. A. 2914	1 L 33 kg	19,25 price on request	16,35 price on request	15,40 price on request	14,80 price on request
155 1/72 1 1616 3	Lead(IV) acetate (moistened with acetic acid glacial) PROSYNTH® <i>Plomb(IV) acétate / Plomo(IV) acetato</i> $Pb(CH_3COO)_4$ $C_8H_{12}O_8Pb$ $M = 443,38$ g/mol assay (iodometric) 85—90 %  R: 20/22-33 S: 13-20/21 disposal: 26	WG. 2914	100 g	price on request			
512 1/72	Lead acetate paper see Indicator papers and reagent papers Lead borate so-called, for siccatives <i>Plomb borate / Plomo borato</i> assay of lead (as PbO) 76 % assay of boron (as B ₂ O ₃) 8,5 %  R: 20/22-33 S: 13-20/21 disposal: 26	PF. S. 2846	5 kg 50 kg	118,— price on request	97,95 price on request	92,05 price on request	88,50 price on request
516 1/72 1 1616 3	Lead borofluoride solution see Lead fluoroborate solution Lead carbonate basic see Lead(II) hydroxide carbonate Lead chloride pure <i>Plomb chlorure / Plomo cloruro</i> $PbCl_2$ $M = 278,11$ g/mol assay 99 % loss on drying (105 °C) 1 % nitrate (NO ₃) 0,01 %  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. BLT. 2830	500 g 1 kg 100 kg	10,75 19,50 price on request	9,15 16,60 price on request	8,60 15,60	8,30 15,—

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

31205 **Lead chromate millet-size R. G.**
A 6.1/72 **Plomb chromate / Plomo cromato**

PbCrO4 $M = 323,19 \text{ g/mol}$
assay min. 99%
carbon compounds (as C) max. 0,005%



R: 20/22-33 S: 13-20/21
disposal: 10

PF.
PF.
2847

100 g	10,50	8,95	8,40	7,90
250 g	24,25	20,60	19,40	18,20

31320 **Lead diethyl dithiocarbamate R. G.**
A 6.1/72 **Plomb diéthyl dithiocarbamate / Plomo dietiloditiocarbamato**

[(C2H5)2NCSS]2Pb
C10H20N2PbS4 $M = 503,74 \text{ g/mol}$



R: 20/22-33 S: 13-20/21
disposal: 26

WG.
2931

100 g price on request

01120 **Lead fluoride COTAL® powder**
A 6.1/72 **Plomb fluorure / Plomo fluoruro**
C 6.1 2291 3 PbF2 $M = 245,20 \text{ g/mol}$



R: 20/22-33 S: 13-20/21
disposal: 27

PF.
PF.
FTP.
2829

100 g	38,25	32,50	30,60	28,70
500 g	158,—	134,30	126,40	121,60
25 kg	price on request			

01119 **Lead fluoride**
A 6.1/72 **Plomb fluorure / Plomo fluoruro**
C 6.1 2291 3 PbF2 $M = 245,20 \text{ g/mol}$



R: 20/22-33 S: 13-20/21
disposal: 27

PF.
FTP.
2829

1 kg	72,—	61,20	57,60	55,40
50 kg	price on request			

01502 **Lead fluoroborate solution 50% for electroplating**
A 6.1/72 **Plomb fluoroborate en solution / Plomo fluoroborato en solución**
C 6.1 2810 3

Pb(BF4)2 $M = 380,81 \text{ g/mol}$ 1 L \approx 1,71 kg
assay of Pb 27,2—27,4%
free fluoroboric acid (HBF4) 1—3%
free boric acid (H3BO3) 1—2%
iron (Fe) 0,002%
cobalt (Co) 0,0005%
copper (Cu) 0,0005%
nickel (Ni) 0,0005%
zinc (Zn) 0,0005%
chloride (Cl) 0,005%
sulphate (SO4) 0,001%

PF.
STP.
2829

2,5 L	46,50	38,60	36,25	34,90
45 kg	price on request			

01406 **Lead(II) fluorosilicate solution 55% technical**
A 6.1/72 **Plomb(II) fluorosilicate en solution / Plomo(II) fluorosilicato en solución**
C 6.1 2810 3

PbSiF6 $M = 349,28 \text{ g/mol}$ 1 L \approx 2,00 kg
assay 55%
free fluorosilicic acid (H2SiF6) 1,5%








R: 20/22-33 S: 13-20/21-24/25
disposal: 27

PF.
STP.
2829

2,5 L	61,50	51,05	47,95	46,10
50 kg	price on request			

Lead(II) hydroxide acetate see Lead acetate basic

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
3 72	Lead(II) hydroxide carbonate abt. 80% Pb, DAB 6 <i>Plomb(II) hydroxyde carbonate / Plomo(II) hidróxido carbonato</i> about 2 PbCO ₃ · Pb(OH) ₂ M = abt. 775,63 g/mol assay of Pb 80% soluble in water 0,5% insoluble in nitric acid 1% alkalis and earth alkalis (as sulphates) 0,3% iron (Fe) 0,005% copper (Cu) 0,005% zinc (Zn) 0,005% chloride (Cl) 0,03%  R: 20/22-33 S: 13-20/21 disposal: 26 Lead hyposulphite see Lead(II) thiosulphate	PF. S. 2842	1 kg 50 kg	19,50 price on request	16,60 15,60	15,—	
7 7C 72 1469 2	Lead(II) nitrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Plomb(II) nitrate / Plomo(II) nitrato</i> Pb(NO ₃) ₂ M = 331,21 g/mol assay 99—101% insoluble in water max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,005% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,005% sodium (Na) max. 0,005% chloride (Cl) max. 0,0005%  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. PF. 2839	250 g 500 g 1 kg	11,50 17,— 31,—	9,80 14,45 26,35	9,20 13,60 24,80 23,85	
0 7C 72 1469 2	Lead(II) nitrate chem. pure cryst. <i>Plomb(II) nitrate / Plomo(II) nitrato</i> Pb(NO ₃) ₂ M = 331,21 g/mol assay 99,5% insoluble in water 0,01% iron (Fe) 0,001% chloride (Cl) 0,001%  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. FTP. 2839	500 g 1 kg 50 kg	11,75 21,50 price on request	10,— 18,30	9,40 17,20 16,55	
1 7C 72 1469 2	Lead(II) nitrate pure cryst. <i>Plomb(II) nitrate / Plomo(II) nitrato</i> Pb(NO ₃) ₂ M = 331,21 g/mol assay 99,5% insoluble in water 0,01% iron (Fe) 0,003% chloride (Cl) 0,003%  R: 20/22-33 S: 13-20/21 disposal: 26	PF. PF. FTP. 2839	1 kg 5 kg 50 kg	19,75 74,— price on request	16,80 61,40	15,80 57,70 55,50	
2 7C 72 1469 2	Lead(II) nitrate technical cryst. <i>Plomb(II) nitrate / Plomo(II) nitrato</i> Pb(NO ₃) ₂ M = 331,21 g/mol assay 99% insoluble in water 0,02% iron (Fe) 0,005% chloride (Cl) 0,005%  R: 20/22-33 S: 13-20/21 disposal: 26	PF. FTP. 2839	5 kg 50 kg	68,— price on request	56,45 53,05	51,—	

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

(1 Box)

(4 Boxes)

(16 Boxes)

31138 **Lead(II) oxide R. G., Reag. Ph. Eur. I**
A 6.1/72 **Plomb(II) oxyde / Plomo(II) óxido**

PbO M = 223,20 g/mol

assay min. 99%
loss on ignition (900 °C) max. 0,2%
insoluble in acetic acid max. 0,025%
alkalis and earth alkalis (as sulphates) max. 0,3%
iron (Fe) max. 0,002%
copper (Cu) max. 0,001%
silver (Ag) max. 0,0005%
bismuth (Bi) max. 0,005%
chloride (Cl) max. 0,002%
total nitrogen (N) max. 0,001%



R: 20/22-33 S: 13-20/21
disposal: 26

PF.	100 g	10,—	8,50	8,—	7,—
PF.	250 g	23,—	19,55	18,40	17,—
PF.	1 kg	74,50	63,35	59,60	57,—
2827					

11526 **Lead(II) oxide DAC**
A 6.1/72 **Plomb(II) oxyde / Plomo(II) óxido**

PbO M = 223,20 g/mol

assay 99%
loss on ignition (900 °C) 0,5%
insoluble in acetic acid 0,5%
iron (Fe) 0,005%
copper (Cu) 0,0005%
silver (Ag) 0,001%
zinc (Zn) 0,0005%
chloride (Cl) 0,005%



R: 20/22-33 S: 13-20/21
disposal: 26

PF.	1 kg	19,75	16,80	15,80	15,—
PF.	5 kg	76,50	63,50	59,65	57,—
S.	50 kg	price on request			
2827					

31150 **Lead(II,IV) oxide R. G.**
A 6.1/72 **Plomb(II,IV) oxyde / Plomo(II,IV) óxido**

Pb₃O₄ M = 685,60 g/mol

assay min. 95%
insoluble in acid max. 0,1%
soluble in water max. 0,1%
loss on drying (105 °C, 2 h) max. 0,1%
manganese (Mn) max. 0,001%
substances not precipitated by hydrogen sulphide
(as sulphates) max. 0,5%
chloride (Cl) max. 0,001%
sulphate (SO₄) max. 0,005%



R: 20/22-33 S: 13-20/21
disposal: 26

PF.	250 g	14,—	11,90	11,20	10,50
2827					

11536 **Lead(II,IV) oxide DAB 6**
A 6.1/72 **Plomb(II,IV) oxyde / Plomo(II,IV) óxido**

Pb₃O₄ M = 685,60 g/mol

assay 96%
insoluble in nitric acid-hydrogen peroxide 0,1%
substances not precipitated by hydrogen sulphide
(as sulphates) 0,2%



R: 20/22-33 S: 13-20/21
disposal: 26

PF.	1 kg	20,25	17,20	16,20	15,60
PF.	5 kg	76,50	63,50	59,65	57,40
S.	50 kg	price on request			
2827					

31142 **Lead(IV) oxide (max. 0,0005% Mn) R. G.**
A 6.1/72 **Plomb(IV) oxyde / Plomo(IV) óxido**

C 5.1 1872 3







PbO₂ M = 239,20 g/mol

assay min. 99%
insoluble in acid max. 0,05%
iron (Fe) max. 0,03%
carbon (C) max. 0,005%
copper (Cu) max. 0,001%
manganese (Mn) max. 0,0005%
chloride (Cl) max. 0,02%
sulphate (SO₄) max. 0,003%
total nitrogen (N) max. 0,005%



R: 20/22-33 S: 13-20/21
disposal: 26

PF.	100 g	17,—	14,45	13,60	12,75
PF.	250 g	38,25	32,50	30,60	28,70
PF.	1 kg	128,—	108,80	102,40	98,55
2827					

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
1554	Lead(IV) oxide chem. pure heavy <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. BLT. 2827	1 kg 50 kg	59,50 price on request	50,60	47,60	45,80
6.1/72							
5.1 1872 3	PbO ₂ M = 239,20 g/mol assay 99,5% insoluble in nitric acid-hydrogen peroxide 0,1% loss on drying (105 °C, 2 h) 0,02% alkalis and earth alkalis (as sulphates) 0,5% other heavy metals (as Cu) 0,01% carbonate (as CO ₂) 0,05% chloride (Cl) 0,005% nitrate (NO ₃) 0,005% sulphate (SO ₄) 0,005% pour weight 3000 g/l						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
1527	Lead(IV) oxide pure <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. PF. BLT. 2827	500 g 1 kg 50 kg	19,— 34,50 price on request	16,15	15,20	14,65
6.1/72							
5.1 1872 3	PbO ₂ M = 239,20 g/mol assay 99% insoluble in hydrochloric acid 0,2% loss on drying (105 °C, 2 h) 0,5% chloride (Cl) 0,01% sulphate (SO ₄) 0,005% granulation finer than 0,15 mm 100%						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
1528	Lead(IV) oxide technical <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. BLT. 2827	5 kg 100 kg	131,— price on request	108,75	102,20	98,25
6.1/72							
5.1 1872 3	PbO ₂ M = 239,20 g/mol assay 97% insoluble in hydrochloric acid 0,3% loss on drying (105 °C, 2 h) 0,3% granulation finer than 0,15 mm 98%						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
1565	Lead(IV) oxide standardised for Thiokol® hardening HC 1 <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. BLT. 2827	1 kg 100 kg	35,— price on request	29,75	28,—	26,95
6.1/72							
5.1 1872 3	® = trade mark of Thiokol Co. PbO ₂ M = 239,20 g/mol						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
1567	Lead(IV) oxide standardised for Thiokol® hardening HC 3 <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. BLT. 2827	1 kg 100 kg	35,— price on request	29,75	28,—	26,95
6.1/72							
5.1 1872 3	® = trade mark of Thiokol Co. PbO ₂ M = 239,20 g/mol						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
1570	Lead(IV) oxide standardised for Thiokol® hardening HC 6 <i>Plomb(IV) oxyde / Plomo(IV) óxido</i>	PF. BLT. 2827	1 kg 100 kg	35,— price on request	29,75	28,—	26,95
6.1/72							
5.1 1872 3	® = trade mark of Thiokol Co. PbO ₂ M = 239,20 g/mol						
	 R: 20/22-33 S: 13-20/21 disposal: 26						
	Lead peroxide see Lead(IV) oxide						
	Lead siccative see Lead borate						
	Lead silicofluoride solution see Lead(II) fluorosilicate solution						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

26406 Lead stearate 28% Pb
A 6.1/72 *Plomb stéarate / Plomo estearato*

11581 Lead(II) sulphamate solution 50%
A 6.1/72 *Plomb(II) sulfamate en solution / Plomo(II) sulfamato en*
C 6.1 2810 3 *solución*

Pb(SO3NH2)2 $M = 399,37 \text{ g/mol}$

assay 49–52 %
assay of Pb 25,4–27,0 %
iron (Fe) 0,01 %
copper (Cu) 0,001 %
chloride (Cl) 0,01 %
sulphate (SO₄) 0,01 %



R: 20/22-33 S: 13-20/21
disposal: 26

11531 Lead(II) sulphate chem. pure
A 6.1/72 *Plomb(II) sulfate / Plomo(II) sulfato*

PbSO4 $M = 303,26 \text{ g/mol}$

assay 99 %
insoluble in ammonium acetate 0,1 %
loss on ignition (600 °C) 0,5 %
matters not precipitated by
hydrogen sulphide (as sulphates) 0,1 %
chloride (Cl) 0,002 %
total nitrogen (N) 0,002 %



R: 20/22-33 S: 13-20/21
disposal: 26

Lead superoxide see Lead(IV) oxide

11533 Lead thiocyanate
A 6.1/72 *Plomb thiocyanate / Plomo tiocianato*

B 6.1 72 Pb(SCN)2 $M = 323,37 \text{ g/mol}$

C 6.1 2291 3



R: 20/22-33 S: 13-20/21
disposal: 26

11535 Lead(II) thiosulphate
A 6.1/72 *Plomb(II) thiosulfate / Plomo(II) tiosulfato*

PbS2O3 $M = 319,33 \text{ g/mol}$

assay 97 %
alkalis and earth alkalis
(as sulphates) 0,3 %



R: 20/22-33 S: 13-20/21
disposal: 26

Leishmann's reagent see Eosine yellowish

35905 Lenacile min. 99% PESTANAL®

C13H18N2O2 $M = 234,30 \text{ g/mol}$

Lepidon see 2-Hydroxy-4-methylquinoline

39020 D(-)-Leucine BIOSYNTH®
D(-)-Leucine / D(-)-Leucina

(CH3)2CHCH2CH(NH2)COOH
C6H13NO2 $M = 131,17 \text{ g/mol}$

assay (ex N) 99 %
specific rotation $[\alpha]_D^{20}$; c=2 in HCl 6 mol/l) $-14^\circ \pm 1^\circ$

39192 DL-Leucine BIOSYNTH®
DL-Leucine / DL-Leucina

(CH3)2CHCH2CH(NH2)COOH
C6H13NO2 $M = 131,17 \text{ g/mol}$

assay (ex N) 99 %

PF. 1 kg 20,25 17,20 16,20 15,60
2914

PF. 1 L price on request
FPF. 50 kg price on request
2914

PF. 500 g 24,75 21,05 19,80 19,05
PF. 1 kg 45,— 38,25 36,— 34,65
FTP. 50 kg price on request
2838


PF. 100 g 19,25 16,35 15,40 14,45
2844





PF. 500 g 17,75 15,10 14,20 13,65
BLT. 100 kg price on request
2837





FL. 1 g 42,— 35,70 33,60 31,50
2935

WG. 5 g 61,50 52,30 49,20 46,15
2923

PF. 25 g 23,50 20,— 18,80 17,65
2923

e-Number D/ADR GVE/GGVS IDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
17	DL-iso-Leucine BIOSYNTH® DL-iso-Leucine / DL-iso-Leucina CH ₃ CH ₂ CH(CH ₃)CH(NH ₂)COOH C ₆ H ₁₃ NO ₂ M = 131,17 g/mol assay (ex N) 99%	PF. 2923	25 g	70,—	59,50	56,—	52,50
019	L(+)-Leucine BIOSYNTH® L(+)-Leucine / L(+)-Leucina (CH ₃) ₂ CHCH ₂ CH(NH ₂)COOH C ₆ H ₁₃ NO ₂ M = 131,17 g/mol specific rotation ([α] _D ²⁰ ; c=2 in HCl 6 mol/l) +14,5° ± 1°	PF. 2923	50 g	23,—	19,55	18,40	17,25
018	L(+)-iso-Leucine BIOSYNTH® L(+)-iso-Leucine / L(+)-iso-Leucina CH ₃ CH ₂ CH(CH ₃)CH(NH ₂)COOH C ₆ H ₁₃ NO ₂ M = 131,17 g/mol assay (ex N) 99,5% specific rotation ([α] (n _D ²⁰); c=2 in HCl 5 mol/l) +39° ± 2°	WG. 2923	10 g	21,50	18,30	17,20	16,15
090	L-Leucine methyl ester hydrochloride BIOSYNTH® Méthyle L-leucinate chlorhydrate / Metilo L-leucinato clorhidrato (CH ₃) ₂ CHCH ₂ CH(NH ₂)COOCH ₃ · HCl C ₇ H ₁₆ ClNO ₂ M = 181,66 g/mol melting range 150—151 °C specific rotation ([α] _D ²⁰ ; c=5 in CH ₃ OH) +20° ± 1° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2923	10 g	38,25	32,50	30,60	28,70
091	L-iso-Leucine methyl ester hydrochloride BIOSYNTH® Méthyle L-so-leucinate chlorhydrate / Metilo L-so- leucinato clorhidrato CH ₃ CH ₂ CH(CH ₃)CH(NH ₂)COOCH ₃ · HCl C ₇ H ₁₆ ClNO ₂ M = 181,66 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2923	1 g	113,50	96,50	90,80	85,15
594	Levulinic acid PROSYNTH® Acide lévulique / Acido levulínico CH ₃ COCH ₂ CH ₂ COOH C ₅ H ₈ O ₃ M = 116,12 g/mol 1 L ≈ 1,15 kg assay (alkalimetric) 98% boiling range (at 11 mbar) 137—139 °C refractive index (n _D ²⁰) 1,439	FL. 2916	250 ml	27,25	23,15	21,80	20,45
608	Light green SF yellow XX (C. I. No. 42095, S. No. 765) Vert clair SF / Verde luz SF Light protection agent see UV Absorber HMB "Riedel" Ligroïne see Petroleum ether	WG. 3205	100 g	104,—	88,40	83,20	78,—
3596	Linalool PROSYNTH® Linalol / Linalol (CH ₃) ₂ C=CHCH ₂ CH ₂ C(OH)(CH ₃)CH=CH ₂ C ₁₀ H ₁₈ O M = 154,25 g/mol 1 L ≈ 0,86 kg assay (GC) 96% boiling range 197—200 °C refractive index (n _D ²⁰) 1,462	FL. 2904	100 ml	23,50	20,—	18,80	17,65
5734	Lindane min. 99% PESTANAL® (γ-1,2,3,4,5,6-Hexachlorocyclohexane) C ₆ H ₆ Cl ₆ M = 290,83 g/mol  R: 23/24/25-36/38 S: 2-13-44 disposal: 7	FL. 2902	1 g	21,50	18,30	17,20	16,15

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
65039	Linoleic acid PROSYNTH® <i>Acide linolique / Acido linólico</i> $\text{CH}_3(\text{CH}_2)_3(\text{CH}_2\text{CH}=\text{CH})_2(\text{CH}_2)_7\text{COOH}$ $\text{C}_{18}\text{H}_{32}\text{O}_2$ $M = 280,45$ g/mol 1 L ≈ 0,90 kg assay (GC) 93% keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera	FL. 2914	5 ml	29,50	25,10	23,60	22,15
39180	Linolenic acid BIOSYNTH® <i>Acide linoléinique / Acido linoléinico</i> $\text{CH}_3(\text{CH}_2\text{CH}=\text{CH})_3(\text{CH}_2)_7\text{COOH}$ $\text{C}_{18}\text{H}_{30}\text{O}_2$ $M = 278,43$ g/mol assay (GC) 99%	WG. 2914	1 g	27,25	23,15	21,80	20,45
35735	Linuron min. 99% PESTANAL® [3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea] $\text{Cl}_2\text{C}_6\text{H}_3\text{NHCON}(\text{CH}_3)\text{OCH}_3$ $\text{C}_9\text{H}_{10}\text{Cl}_2\text{N}_2\text{O}_2$ $M = 249,10$ g/mol  R: 38 S: 2-13 disposal: 7 Liquid ammonia see Ammonia solution Litharge see Lead(II) oxide	FL. 2925	1 g	18,—	15,30	14,40	13,50
13062 A 4.3/1A C 4.3 1415 2	Lithium <i>Lithium / Litio</i> tin of abt. 100 g Li $M = 6,94$ g/mol assay 99,5% calcium (Ca) 0,05% iron (Fe) 0,02% potassium (K) 0,01% sodium (Na) 0,5%   R: 14-15-34 S: 8-43A disposal: 28	2805	1 pack	58,—	49,30	46,40	43,50
38623	0,100 g Lithium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Lithium / 0,100 g Litio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38658 A 3/3 C 3.3 1115 2 + 25°C	0,100 g organo-Lithium FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Lithium / 0,100 g organo-Litio</i> ampoule R: 10	3819	1 pack	33,75	28,70	27,—	25,30
38565	1,00 g Lithium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Lithium / 1,00 g Litio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
Lithium alanate see Lithium aluminium hydride Lithium aluminium deuteride see Lithium aluminium hydride-D ₄							
13050 A 4.3/2B C 4.3 1410 1	Lithium aluminium hydride (Lithium alanate) <i>Lithium-aluminium hydrure / Litio y aluminio hidruro</i> tin of abt. 10 g $\text{Li}(\text{AlH}_4)$ $M = 37,95$ g/mol assay 96% chloride (Cl) 0,8%  R: 15 S: 7/8-24/25-43A disposal: 28	2857	1 pack	14,—	11,90	11,20	10,50

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3051 4.3/2B 4.3 1410 1	Lithium aluminium hydride (Lithium alanate) <i>Lithium-aluminium hydrure / Litio y aluminio hidruro</i> tin of abt. 100 g Li(AlH ₄) M = 37,95 g/mol assay 96% chloride (Cl) 0,8%  R: 15 S: 7/8-24/25-43A disposal: 28	2857	1 pack	100,—	85,—	80,—	75,—
9030 4.3/2B 4.3 1410 1	Lithium aluminium hydride-d₄ deuteration degree not less than 99 atom % D <i>Lithium-aluminium hydrure-d₄ / Litio y aluminio hidruro-d₄</i> LiAlD ₄ M = 41,92 g/mol  R: 15 S: 7/8-24/25-43A disposal: 28	FL. 2851	5 g	107,—	90,95	85,60	80,25
4660 4.3/2B 4.3 1409 1	Lithium aluminium-tri-tert.-butoxyhydride PROSYNTH® <i>Lithium-aluminium-tri-tert.-butoxyhydrure / Litio y aluminio-tri-terc.-butoxihidruro</i> LiAl[OC(CH ₃) ₃] ₃ C ₁₂ H ₂₇ AlLiO ₃ M = 253,27 g/mol assay 90%  R: 15 S: 7/8-24/25-43A disposal: 28	WG. 2945	10 g	16,—	13,60	12,80	12,—
2724 4.3/3 4.3 1412 2	Lithium amide PROSYNTH® <i>Lithium amidure / Litio amida</i> H ₂ LiN M = 22,96 g/mol assay 93%	BL. 2858	100 g	35,25	29,95	28,20	26,45
3007 4.3/2B 4.3 1413 1	Lithium benzoate pure Erg. B. 6 <i>Lithium benzoate / Litio benzoato</i> C ₆ H ₅ COOLi C ₇ H ₅ LiO ₂ M = 128,06 g/mol assay 99% pH (5%, 20 °C) 6—7 iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,02%	PF. PF. FTP. 2914	1 kg 2,5 kg 50 kg	35,— 74,50 price on request	29,75 61,85	28,— 58,10	26,95 55,90
2725 4.3/2B 4.3 1413 1	Lithium borohydride PROSYNTH® <i>Lithium borohydruure / Litio borohidruro</i> LiBH ₄ M = 21,78 g/mol assay 95%  R: 15 S: 7/8-24/25-43A disposal: 28	BL. 2857	10 g	80,—	68,—	64,—	60,—

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

13008

Lithium bromide exsiccated

Lithium bromure / Litio bromuro

LiBr $M = 86,84 \text{ g/mol}$

assay 99,4%
loss on drying (400 °C) 0,4%
calcium (Ca) 0,002%
iron (Fe) 0,001%
potassium (K) 0,03%
magnesium (Mg) 0,001%
sodium (Na) 0,03%
chloride (Cl) 0,1%
sulphate (SO₄) 0,01%

PF.

100 g

9,50

8,10

7,60

7,10

PF.

500 g

29,25

24,85

23,40

22,50

2830

65040

Lithium tert.-butylate PROSYNTH®

Lithium tert.-butylate / Litio terc.-butilato

B 4.1/12A

C 4.1 1325 2

(CH₃)₃COLi

C₄H₉LiO $M = 80,05 \text{ g/mol}$

assay (GC) 97%



R: 11-14-34 S: 8-16-26-43
disposal: 28

WG.

5 g

49,50

42,10

39,60

37,10

2945

31485

Lithium carbonate R. G., Reag. ACS

Lithium carbonate / Litio carbonato

Li₂CO₃ $M = 73,89 \text{ g/mol}$

assay min. 99%
insoluble in hydrochloric acid max. 0,01%
ammonium (NH₄) max. 0,0005%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,001%
potassium (K) max. 0,005%
magnesium (Mg) max. 0,001%
sodium (Na) max. 0,005%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,005%
nitrate (NO₃) max. 0,0005%
sulphur compounds (as SO₄) max. 0,005%

PF.

250 g

39,25

33,35

31,40

29,40

2842

13009

Lithium carbonate

Lithium carbonate / Litio carbonato

Li₂CO₃ $M = 73,89 \text{ g/mol}$

assay 99,5%
arsenic (As) 0,0001%
calcium (Ca) 0,01%
iron (Fe) 0,0005%
potassium (K) 0,002%
magnesium (Mg) 0,005%
sodium (Na) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,001%
sulphate (SO₄) 0,01%

PF.

250 g

26,—

22,10

20,80

19,50

PF.

1 kg

86,50

73,55

69,20

66,60

FTP.

50 kg

price on request

2842

13010

Lithium carbonate pure

Lithium carbonate / Litio carbonato

Li₂CO₃ $M = 73,89 \text{ g/mol}$

assay 99,5%
calcium (Ca) 0,03%
iron (Fe) 0,001%
potassium (K) 0,002%
magnesium (Mg) 0,01%
sodium (Na) 0,02%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,02%
sulphate (SO₄) 0,15%

PF.

1 kg

50,—

42,50

40,—

38,50

PF.

5 kg

210,—

174,30

163,80

157,50

FTP.

50 kg

price on request

2842

Code-Number

 RID/ADR
 GGVE/GGVS
 IMDG-CODE (GGVSee)

 Type of package
 B.T.N.

 Price per
 package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

1407

Lithium chloride R. G.*Lithium chlorure / Litio cloruro*LiCl $M = 42,39$ g/mol
 assay min. 99%
 insoluble in water max. 0,01%
 pH (5%, 20 °C) 5-7
 barium (Ba) max. 0,002%
 calcium (Ca) max. 0,005%
 iron (Fe) max. 0,0005%
 potassium (K) max. 0,01%
 magnesium (Mg) max. 0,002%
 sodium (Na) max. 0,01%
 heavy metals (as Pb) max. 0,0005%
 sulphate (SO₄) max. 0,005%

PF.

PF.

2830

 100 g 16,50 14,05 13,20 12,40
 1 kg 116,50 99,05 93,20 89,70

13013

Lithium chloride Erg. B. 6*Lithium chlorure / Litio cloruro*LiCl $M = 42,39$ g/mol
 assay 99%
 calcium (Ca) 0,005%
 iron (Fe) 0,001%
 potassium (K) 0,01%
 sodium (Na) 0,02%
 heavy metals (as Pb) 0,001%
 sulphate (SO₄) 0,005%

PF.

PF.

PF.

FTP.

2830

 100 g 11,75 10,— 9,40 8,80
 250 g 26,50 22,55 21,20 19,90
 1 kg 89,50 76,10 71,60 68,90
 25 kg price on request

13014

Lithium chloride*Lithium chlorure / Litio cloruro*LiCl $M = 42,39$ g/mol
 assay 99%
 calcium (Ca) 0,005%
 iron (Fe) 0,001%
 potassium (K) 0,01%
 sodium (Na) 0,02%
 heavy metals (as Pb) 0,001%
 sulphate (SO₄) 0,005%

PF.

PF.

FTP.

2830

 500 g 35,— 29,75 28,— 26,95
 1 kg 64,50 54,85 51,60 49,65
 25 kg price on request

09055

Lithium deuteride deuteration degree not less than 99 atom % D*Lithium deutériure / Litio deuteruro*DLi $M = 8,94$ g/mol
 R: 15 S: 7/8-24/25-43A
 disposal: 28

A.

2851

5 g 56,— 47,60 44,80 42,—

01141

Lithium fluoride COTAL® fine cryst.*Lithium fluorure / Litio fluoruro*LiF $M = 25,94$ g/mol
 R: 23/24/25 S: 1/2-26-44
 disposal: 27

PF.

2829

100 g 57,— 48,45 45,60 42,75

01140

Lithium fluoride pure*Lithium fluorure / Litio fluoruro*LiF $M = 25,94$ g/mol
 assay 99,5%
 loss on ignition (400 °C) 0,5%
 iron (Fe) 0,005%
 chloride (Cl) 0,05%
 sulphate (SO₄) 0,005%

 R: 23/24/25 S: 1/2-26-44
 disposal: 27

PF.

PF.

FTP.

2829

 100 g 11,75 10,— 9,40 8,80
 1 kg 85,50 72,70 68,40 65,85
 50 kg price on request

01156




Lithium hexafluoroaluminate*Lithium hexafluoroaluminate / Litio hexafluoroaluminato*Li₃AlF₆ $M = 161,79$ g/mol
 assay of Al 15-17%
 assay of Li 12-13%
 assay of F 65-70%

PF.

S.

2829

 1 kg price on request
 50 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
62726	Lithium hydride PROSYNTH® <i>Lithium hydrure / Litio hidruro</i> HLi $M = 7,95 \text{ g/mol}$ assay 98%  R: 15 S: 7/8-24/25-43A disposal: 28 Lithium hydride-D see Lithium deuteride	PF. 2857	100 g	64,—	54,40	51,20	48,—
31406	Lithium hydroxide-1-hydrate R. G. <i>Lithium hydroxyde-1-hydrate / Litio hidróxido-1-hidrato</i> LiOH · H ₂ O $M = 41,96 \text{ g/mol}$ assay min. 98% assay of Li ₂ CO ₃ max. 1% insoluble in acid max. 0,01% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,01% sodium (Na) max. 0,01% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,005%  R: 35 S: 2-26-37/39 disposal: 3	PF. PF. 2828	250 g 1 kg	28,75 96,50	24,45 82,05	23,— 77,20	21,55 74,30
13020	Lithium hydroxide-1-hydrate <i>Lithium hydroxyde-1-hydrate / Litio hidróxido-1-hidrato</i> LiOH · H ₂ O $M = 41,96 \text{ g/mol}$ assay of LiOH 55% assay of Li ₂ CO ₃ 0,5% calcium (Ca) 0,005% iron (Fe) 0,001% potassium (K) 0,05% sodium (Na) 0,05% chloride (Cl) 0,02% sulphate (SO ₄) 0,02%  R: 35 S: 2-26-37/39 disposal: 3	PF. PF. PF. FTP. 2828	100 g 500 g 1 kg 100 kg	10,— 30,75 56,50 price on request	8,50 26,15 48,05	8,— 24,60 45,20	7,50 23,70 43,50
13023	Lithium nitrate <i>Lithium nitrate / Litio nitrato</i> LiNO ₃ $M = 68,95 \text{ g/mol}$ assay 95% calcium (Ca) 0,005% iron (Fe) 0,001% potassium (K) 0,05% sodium (Na) 0,01% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,2%	PF. PF. PF. 2839	100 g 500 g 1 kg	10,75 40,— 74,—	9,15 34,— 62,90	8,60 32,— 59,20	8,05 30,80 57,—
31500	Lithium perchlorate R.G. <i>Lithium perchlorate / Litio perclorato</i> LiClO ₄ $M = 106,39 \text{ g/mol}$	BL. 2832	250 g	56,—	47,60	44,80	42,—
31486	Lithium sulphate-1-hydrate R. G. <i>Lithium sulfate-1-hydrate / Litio sulfato-1-hidrato</i> Li ₂ SO ₄ · H ₂ O $M = 127,96 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,005% magnesium (Mg) max. 0,002% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,002% total nitrogen (N) max. 0,002%	PF. 2838	250 g	27,—	22,95	21,60	20,25

Number ADR E/GGVS G-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
9	Lithium sulphate-1-hydrate <i>Lithium sulfate-1-hydrate / Litio sulfato-1-hidrato</i> $\text{Li}_2\text{SO}_4 \cdot \text{H}_2\text{O}$ $M = 127,96 \text{ g/mol}$ assay 98% calcium (Ca) 0,005% iron (Fe) 0,002% potassium (K) 0,05% sodium (Na) 0,01% heavy metals (as Pb) 0,001% chloride (Cl) 0,002%	PF. PF. PF. 2838	100 g 500 g 1 kg	10,75 34,75 64,50	9,15 29,55 54,85	8,60 27,80 51,60	8,05 26,75 49,65
88	Lithium tetraborate R. G., anhydrous <i>Lithium tétraborate / Litio tetraborato</i> $\text{Li}_2\text{B}_4\text{O}_7$ $M = 169,12 \text{ g/mol}$ assay min. 98% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,002% chloride (Cl) max. 0,005% phosphate (PO_4) max. 0,002% sulphate (SO_4) max. 0,005%	PF. 2846	500 g	77,50	65,90	62,—	59,70
99	Lithium tetraborate anhydrous for X-ray fluorescence analysis <i>Lithium tétraborate / Litio tetraborato</i> $\text{Li}_2\text{B}_4\text{O}_7$ $M = 169,12 \text{ g/mol}$ assay min. 99% loss on ignition max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,002% magnesium (Mg) max. 0,0002% sodium (Na) max. 0,002% heavy metals (as Pb) max. 0,002% chloride (Cl) max. 0,005% phosphate (PO_4) max. 0,002% sulphate (SO_4) max. 0,005%	PF. PF. 2846	100 g 1 kg	16,25 125,50	13,80 106,70	13,— 100,40	12,20 96,65
	Lithium tetrahydridoaluminate see Lithium aluminium hydride						
07	Litmus <i>Tournesol / Tornasol</i>	PF. PF. 3204	100 g 500 g	41,— 169,—	34,85 143,65	32,80 135,20	30,75 130,15
	Litmus paper see Indicator and reagent papers						
41	Litmus solution according to Kubel and Tiemann <i>Tournesol en solution / Tornasol en solución</i> 1 L \approx 1,00 kg	FL. FL. 3204	250 ml 1 L	11,25 28,75	9,55 24,45	9,— 23,—	8,45 22,15
	Liver of sulphur see Potassium polysulphide						
	Löffler's solution see Methylene blue solution acc. to Löffler						
	Lophin see 2,4,5-Triphenylimidazole						
	Lugol's solution see Iodine potassium iodide solution according to Lugol						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

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39636	Lutensol® AP 20 for gas chromatography trade mark of BASF AG working temperature 30 to 250 °C	WG. 3402	50 g	43,75	37,20	35,—	32,—
10574	Lutetium lumps <i>Lutétium / Lutecio</i> Lu $M = 174,97$ g/mol assay 99%	WG. 2805	1 g	257,—	218,45	205,60	192,—
10575 C 6.1 2811 3	Lutetium fluoride <i>Lutétium fluorure / Lutecio fluoruro</i> LuF ₃ $M = 231,97$ g/mol assay 99%	FL. 2852	1 g	285,—	242,25	228,—	213,—
10576	Lutetium oxide <i>Lutétium oxyde / Lutecio óxido</i> Lu ₂ O ₃ $M = 397,94$ g/mol assay 99%	FL. 2852	1 g	175,—	148,75	140,—	131,—
64145 A 3/3 C 3 3 2 +47 °C	2,4-Lutidine PROSYNTH® <i>2-4-Lutidine / 2,4-Lutidina</i> $N = CHCH = C(CH_3)CH = CCH_3$ C ₇ H ₉ N $M = 107,15$ g/mol $1 L \approx 0,93$ kg assay (GC) 97% boiling range 157—159 °C refractive index (n_D^{20}) 1,499	FL. 2935	250 ml	34,50	29,35	27,60	25,—
62727 A 3/3 C 3.3 1993 2 +40 °C	2,6-Lutidine PROSYNTH® <i>2-6-Lutidine / 2,6-Lutidina</i> $N = C(CH_3)CH = CHCH = CCH_3$ C ₇ H ₉ N $M = 107,15$ g/mol $1 L \approx 0,92$ kg assay (GC) 99% boiling range 142—144 °C refractive index (n_D^{20}) 1,498	FL. 2935	500 ml	60,—	51,—	48,—	46,—



R: 10-20/21/22 disposal: 6



R: 10-20/21/22 disposal: 6

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)	
664 3 3 1993 2 7 °C	3,4-Lutidine PROSYNTH® <i>3-4-Lutidine / 3,4-Lutidina</i> $N = \text{CHC}(\text{CH}_3) = \text{C}(\text{CH}_3)\text{CH} = \text{CH}$ $\text{C}_7\text{H}_9\text{N}$ $M = 107,15 \text{ g/mol}$ $1 \text{ L} \approx 0,96 \text{ kg}$ assay (GC) 98% boiling range 162–164 °C refractive index (n_D^{20}) 1,512  R: 10-20/21/22 disposal: 6	FL. 2935	25 ml	25,—	21,25	20,—	18,75
728 3 3 1993 2 7 °C	3,5-Lutidine PROSYNTH® <i>3-5-Lutidine / 3,5-Lutidina</i> $N = \text{CHC}(\text{CH}_3) = \text{CHC}(\text{CH}_3) = \text{CH}$ $\text{C}_7\text{H}_9\text{N}$ $M = 107,15 \text{ g/mol}$ $1 \text{ L} \approx 0,95 \text{ kg}$ assay (GC) 98% boiling range 170–172 °C refractive index (n_D^{20}) 1,506  R: 10-20/21/22 disposal: 6	FL. 2935	100 ml	29,50	25,10	23,60	22,15
	Lutrol® E on request Luviskol® K and VA on request						
644	Lysidine PROSYNTH® <i>Lysidine / Lisidina</i> $\text{NHCH}_2\text{CH}_2\text{N} = \text{CCH}_3$ $\text{C}_4\text{H}_8\text{N}_2$ $M = 84,12 \text{ g/mol}$ assay (ex N) 99% melting range 98–100 °C	WG. 2935	50 g	30,—	25,50	24,—	22,50
022	L(+)-Lysine monohydrate BIOSYNTH® <i>L(+)-Lysine monohydrate / L(+)-Lisina monohidrato</i> $\text{NH}_2(\text{CH}_2)_4\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{H}_2\text{O}$ $\text{C}_6\text{H}_{14}\text{N}_2\text{O}_2 \cdot \text{H}_2\text{O}$ $M = 164,20 \text{ g/mol}$ assay (on anhydrous substance) 99% melting range 215–217° (disint.) specific rotation ($[\alpha]_D^{20}$; c=8 in 6 N HCl) +23° ± 1°	WG. 2923	25 g	55,50	47,20	44,40	41,65
021	L(+)-Lysine monohydrochloride BIOSYNTH® <i>L(+)-Lysine monochlorhydrate / L(+)-Lisina monochlorhidrato</i> $\text{NH}_2(\text{CH}_2)_4\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl}$ $\text{C}_6\text{H}_{15}\text{ClN}_2\text{O}_2$ $M = 182,65 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=8 in 6 N HCl) +20° ± 2°	PF. 2923	250 g	35,—	29,75	28,—	26,25
214	D(-)-Lyxose BIOSYNTH® <i>D(-)-Lyxose / D(-)-Lixosa</i> $\text{HOCH}(\text{CHOH})_3\text{CH}_2\text{O}$ $\text{C}_5\text{H}_{10}\text{O}_5$ $M = 150,13 \text{ g/mol}$ specific rotation ($[\alpha]_D^{20}$; c=4 in H_2O) -14° ± 1°	FL. 2943	1 g	65,50	55,70	52,40	49,15
	Macrogol see Polyethylene glycol						
	Magenta see Diamond fuchsin						
	Magnesia calcined see Magnesium oxide	6909	1 pack	22,75	19,35	18,20	17,05
109	Magnesia grooves for pearl-tests <i>Magnésieen gouttière / Magnesiaen canalones</i> package with 50 pieces	6909	1 pack	40,50	34,45	32,40	30,40
458	Magnesia grooves for pearl-tests <i>Magnésie en forme de gouttière / Magnesia en forma de canalones</i> package with 100 pieces						

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			1x	6x	24x	9x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
34573	Magnesia mixture R. G. , for the determination of phosphoric acid <i>Mélange de magnésie / Mezcla de magnesia</i> 1 L ≈ 1,00 kg	FL. 3819	1 L	25,75	21,90	20,60	19,00
31408	Magnesia sticks for pearl-tests <i>Magnésie en baguettes / Magnesia en barritas</i> package with 25 pieces	6909	1 pack	13,—	11,05	10,40	9,00
31490	Magnesia sticks for pearl-tests <i>Magnésie en baguettes / Magnesia en barritas</i> package with 50 pieces	6909	1 pack	21,50	18,30	17,20	16,00
31491	Magnesia sticks for pearl-tests <i>Magnésie en baguettes / Magnesia en barritas</i> package with 100 pieces	6909	1 pack	37,25	31,65	29,80	27,00
13102	Magnesite calcined powder <i>Magnésite / Magnesita</i> MgO M = 40,30 g/mol	PF. 2519	5 kg	30,—	24,90	23,40	22,00
13108 C 4.1 1869 3	Magnesium sticks 10 mm Ø <i>Magnésium / Magnesio</i> Mg M = 24,31 g/mol assay 99,5% insoluble in hydrochloric acid 0,05% lead (Pb) 0,005% iron (Fe) 0,05% copper (Cu) 0,005%	PF. 7702	500 g	41,50	35,30	33,20	31,00
13110 A 4.2/ 6B B 4.1/13B C 4.1 1869 3	Magnesium turnings according to Grignard <i>Magnésium / Magnesio</i> Mg M = 24,31 g/mol assay 99,5% insoluble in hydrochloric acid 0,01% iron (Fe) 0,005%	BL. BL. BLT. 7702	500 g 1 kg 25 kg	19,25 34,50 kg 18,75	16,35 29,35	15,40 27,60	14,00 26,00
13103 C 4.1 1869 3	Magnesium ribbon , about 3 mm × 0,2 mm <i>Magnésium / Magnesio</i> roll of abt. 25 g Mg M = 24,31 g/mol assay 99,5% insoluble in hydrochloric acid 0,05% lead (Pb) 0,01% iron (Fe) 0,05% copper (Cu) 0,005%	7702	1 pack	10,75	9,15	8,60	8,00
13112 A 4.2/ 6B B 4.1/13B C 4.3 1418 2	Magnesium powder <i>Magnésium / Magnesio</i> Mg M = 24,31 g/mol assay 99% insoluble in hydrochloric acid 0,05% iron (Fe) 0,05%	BL. BL. BL. 7702	100 g 500 g 1 kg	8,50 26,75 48,75	7,25 22,75 41,45	6,80 21,40 39,—	6,00 20,00 37,00
38609	0,100 g Magnesium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Magnésium / 0,100 g Magnesio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,00
38659 A 3/3 C 3.3 1115 2 + 25 °C	0,100 g organo-Magnesium FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Magnésium / 0,100 g organo-Magnesio</i> ampoule	3819	1 pack	33,75	28,70	27,—	25,00

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					(1 Box)	(4 Boxes)	(16 Boxes)
38885	10,00 g Magnesium FIXANAL® as Magnesium chloride 10,00 g Magnésium / 10,00 g Magnesio ampoule	3819	1 pack	18,75	15,95	15,—	14,05
38566	1,00 g Magnesium FIXANAL® watersoluble standard for atom absorption 1,00 g Magnésium / 1,00 g Magnesio ampoule	3819	1 pack	10,25	8,70	8,20	7,70
32316	Magnesium acetate tetrahydrate R. G., Reag. ACS Magnésium acétate tétrahydrate / Magnesio acetato tetrahidrato Mg(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ MgO ₄ · 4H ₂ O M = 214,45 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 8—9 barium (Ba) max. 0,001% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,001% manganese (Mn) max. 0,001% sodium (Na) max. 0,001% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,005% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. PF. FTP. 2914	100 g 250 g 1 kg 50 kg	8,50 15,75 44,50 kg	7,25 13,40 37,85 24,05	6,80 12,60 35,60	6,40 11,80 34,25
25020	Magnesium acetate tetrahydrate pure Magnésium acétate tétrahydrate / Magnesio acetato tetrahidrato Mg(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ MgO ₄ · 4H ₂ O M = 214,45 g/mol assay 97—102% calcium (Ca) 0,05% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% sulphate (SO ₄) 0,02%	PF. PF. S. 2914	1 kg 5 kg 50 kg	19,— 71,— price on request	16,15 58,95	15,20 55,40	14,65 53,25
25021	Magnesium acetate tetrahydrate technical Magnésium acétate tétrahydrate / Magnesio acetato tetrahidrato Mg(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ MgO ₄ · 4H ₂ O M = 214,45 g/mol assay 95—100% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,02% sulphate (SO ₄) 0,5%	PF. S. 2914	5 kg 25 kg	65,50 price on request	54,35	51,10	49,15
62729	Magnesium acetylacetonate PROSYNTH® Magnésium acétylacétonate / Magnesio acetilacetato Mg(C ₅ H ₇ O ₂) ₂ C ₁₀ H ₁₄ MgO ₄ M = 222,52 g/mol assay (ex Mg) 99%	PF. 2945	25 g	14,25	12,10	11,40	10,70
02118	Magnesium ammonium phosphate see Ammonium magnesium phosphate Magnesium bromide-6-hydrate pure Magnésium bromure-6-hydrate / Magnesio bromuro-6- hidrato MgBr ₂ · 6H ₂ O M = 292,20 g/mol assay 99% iron (Fe) 0,001% heavy metals (as Pb) 0,001% bromate (BrO ₃) 0,001% chloride (Cl) 0,05% sulphate (SO ₄) 0,005%	PF. PF. FTP. 2830	500 g 5 kg 25 kg	17,50 119,— price on request	14,90 98,75	14,— 92,80	13,50 89,25

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Magnesium carbonate/Magnesium carbonate basic see Magnesium hydroxide carbonate							
13174	Magnesium chloride-2-hydrate chem. pure powder <i>Magnésium chlorure-2-hydrate / Magnesio cloruro-2-hidrato</i> MgCl ₂ · 2H ₂ O M = 131,24 g/mol assay of MgCl ₂ 68—72% pH (5%, 20 °C) 7,0—9,5 calcium (Ca) 0,2% iron (Fe) 0,002% potassium (K) 0,2% sodium (Na) 0,2% heavy metals (as Pb) 0,002% sulphate (SO ₄) 0,05%	PF. PF. S. 2830	1 kg 5 kg 50 kg price on request	15,50	13,20	12,40	11,65
31413	Magnesium chloride-6-hydrate R. G., Reag. ACS, Reag. ISO <i>Magnésium chlorure-6-hydrate / Magnesio cloruro-6-hidrato</i> MgCl ₂ · 6H ₂ O M = 203,30 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 5—6 ammonium (NH ₄) max. 0,001% barium (Ba) max. 0,002% calcium (Ca) max. 0,01% iron (Fe) max. 0,0005% potassium (K) max. 0,002% manganese (Mn) max. 0,0005% sodium (Na) max. 0,002% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,005% zinc (Zn) max. 0,005% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002% total nitrogen (N) max. 0,002%	PF. PF. PF. FTP. FTP. 2830	500 g 1 kg 5 kg 50 kg kg kg 11,— 10,40	14,50	12,35	11,60	11,15
13124	Magnesium chloride-6-hydrate chem. pure cryst. Ph. Eur. I <i>Magnésium chlorure-6-hydrate / Magnesio cloruro-6-hidrato</i> MgCl ₂ · 6H ₂ O M = 203,30 g/mol assay 98-101% free acid (as HCl) 0,01% free alkali (as MgO) 0,005% arsenic (As) 0,0001% calcium (Ca) 0,05% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% sulphate (SO ₄) 0,005%	PF. PF. S. 2830	2,5 kg 5 kg 50 kg price on request	26,—	21,60	20,30	19,50
13151	○ Magnesium chloride-6-hydrate chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franç. IX, Ph. Nord. 1963 <i>Magnésium chlorure-6-hydrate / Magnesio cloruro-6-hidrato</i> MgCl ₂ · 6H ₂ O M = 203,30 g/mol assay 99% free acid (as HCl) 0,005% free alkali (as MgO) 0,003% arsenic (As) 0,0001% barium (Ba) 0,002% calcium (Ca) 0,01% iron (Fe) 0,0005% potassium (K) 0,5% sodium (Na) 0,5% heavy metals (as Pb) 0,0005% phosphate (PO ₄) 0,005% sulphate (SO ₄) 0,02%	PF. PF. S. 2830	1 kg 5 kg 50 kg price on request	11,75	10,—	9,40	9,05
20312	Magnesium dehydrocholate for tablets <i>Magnésium déhydrocholate / Magnesio dehidrocolato</i>	PF. FTP. 2916	1 kg 30 kg price on request	550,—	467,50	440,—	423,50
20324	○ Magnesium dehydrocholate for ampoules <i>Magnésium déhydrocholate / Magnesio dehidrocolato</i>	PF. 2916	1 kg	675,—	573,75	540,—	519,75

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
252	Magnesium fluoride COTAL® granulation max. 0,1 mm <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol	PF. FTP. 2829	1 kg 25 kg	price on request price on request			
1235	Magnesium fluoride COTAL® granulation 0,5 mm <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol	PF. FTP. 2829	100 g 25 kg	58,— price on request	49,30	46,40	43,50
1234	Magnesium fluoride COTAL® granulation 1,5 mm <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol	PF. PF. FTP. 2829	100 g 500 g 30 kg	58,— 238,— price on request	49,30	46,40	43,50
1179	Magnesium fluoride COTAL® powder <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol	PF. PF. FTP. 2829	100 g 1 kg 25 kg	53,50 401,— price on request	45,50	42,80	40,15
1192	Magnesium fluoride for glass industry <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol	PF. FTP. 2829	1 kg 50 kg	price on request price on request			
1174	Magnesium fluoride <i>Magnésium fluorure / Magnesio fluoruro</i> MgF ₂ M = 62,30 g/mol assay 98% loss on ignition (500 °C, 15 min.) 2%	PF. PF. S. 2829	500 g 5 kg 50 kg	14,— 71,50 price on request	11,90	11,20	10,80
1415	Magnesium fluorosilicate-6-hydrate technical <i>Magnésium fluorosilicate-6-hydrate / Magnesio fluorosilicato-6-hidrato</i> MgSiF ₆ · 6H ₂ O M = 274,47 g/mol assay 99%	PF. PF. S. 2829	1 kg 5 kg 50 kg	10,50 38,25 price on request	8,95	8,40	8,10
4260	Magnesium hydrogen phosphate-3-hydrate pure Erg. B. 6 <i>Magnésium hydrogénophosphate-3-hydrate / Magnesio hidrógenofosfato-3-hidrato</i> MgHPO ₄ · 3H ₂ O M = 174,33 g/mol assay 99% arsenic (As) 0,0002% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,02% sulphate (SO ₄) 0,02%	PF. S. 2840	1 kg 50 kg	22,50 price on request	19,15	18,—	17,35
1412	Magnesium hydroxide carbonate R. G. light <i>Magnésium hydroxyde carbonate / Magnesio hidróxido-carbonato</i> assay (MgO) (chelatomic) min. 40% insoluble in hydrochloric acid max. 0,005% soluble in water max. 0,5% barium and strontium (as Ba) max. 0,001% calcium (Ca) max. 0,01% iron (Fe) max. 0,001% potassium (K) max. 0,002% sodium (Na) max. 0,1% heavy metals (as Pb) max. 0,001% zinc (Zn) max. 0,005% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,003% total nitrogen (N) max. 0,001%	PF. PF. PF. 2842	100 g 250 g 1 kg	12,— 27,25 87,—	10,20	9,60	9,—

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13117	Magnesium hydroxide carbonate pure light powder, Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Magnésium hydroxyde carbonate / Magnesio hidróxido-carbonato</i> assay (MgO) 41% soluble in water 0,5% insoluble in acetic acid 0,05% arsenic (As) 0,0001% calcium (Ca) 0,5% iron (Fe) 0,02% heavy metals (as Pb) 0,001% chloride (Cl) 0,02% sulphate (SO ₄) 0,2%	K. S. 2842	1 kg 20 kg	12,75 price on request	10,85	10,20	9,80
13118	Magnesium hydroxide carbonate pure light powder <i>Magnésium hydroxyde carbonate / Magnesio hidróxido-carbonato</i> assay (MgO) 41% calcium (Ca) 1,5% iron (Fe) 0,05% heavy metals (as Pb) 0,005% chloride (Cl) 0,05%	K. S. 2842	1 kg 20 kg	11,25 price on request	9,55	9,—	8,65
04413	Magnesium hypophosphite pure <i>Magnésium hypophosphite / Magnesio hipofosfito</i> Mg(PH ₂ O ₂) ₂ · 6H ₂ O M = 262,37 g/mol assay 99,5% pH range (5%, 20 °C) 6—7 calcium (Ca) 0,05% iron (Fe) 0,002% heavy metals (as Pb) 0,001% sulphate (SO ₄) 0,02% Magnesium hyposulphite see Magnesium thiosulphate Magnesium-IDRANAL® see IDRANAL®	PF. FTP. 2840	1 kg 50 kg	72,— price on request	61,20	57,60	55,45
20711	○ Magnesium nicotinate for ampoules <i>Magnésium nicotinate / Magnesio nicotinato</i>	PF. 2935	1 kg	88,—	74,80	70,40	67,75
20709	Magnesium nicotinate for tablets <i>Magnésium nicotinate / Magnesio nicotinato</i>	PF. FTP. 2935	1 kg 50 kg	77,50 price on request	65,90	62,—	59,70
31415 C 5.1 1474 3	Magnesium nitrate-6-hydrate R. G., Reag. ACS <i>Magnésium nitrate-6-hydrate / Magnesio nitrato-6-hidrato</i> Mg(NO ₃) ₂ · 6H ₂ O M = 256,41 g/mol assay min. 99,5% insoluble in water max. 0,005% pH (5%, 20 °C) 5—8 ammonium (NH ₄) max. 0,001% barium (Ba) max. 0,002% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,001% manganese (Mn) max. 0,0005% sodium (Na) max. 0,001% heavy metals (as Pb) max. 0,0005% strontium (Sr) max. 0,002% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002%	PF. PF. FTP. 2839	500 g 1 kg 50 kg	11,50 20,75 kg 9,50	9,80 17,65	9,20 16,60	8,85 16,—
13129 C 5.1 1474 3	Magnesium nitrate-6-hydrate chem. pure <i>Magnésium nitrate-6-hydrate / Magnesio nitrato-6-hidrato</i> Mg(NO ₃) ₂ · 6H ₂ O M = 256,41 g/mol assay 98% pH range (5%, 20 °C) 5—8 calcium (Ca) 0,02% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% sulphate (SO ₄) 0,02%	PF. PF. S. 2839	1 kg 5 kg 50 kg	14,50 54,50 price on request	12,35 45,25	11,60 42,50	11,15 40,90

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
131 5.1 1474 3	Magnesium nitrate-6-hydrate pure <i>Magnésium nitrate-6-hydrate / Magnesio nitrato-6-hidrato</i> $Mg(NO_3)_2 \cdot 6H_2O$ $M = 256,41$ g/mol assay 97% iron (Fe) 0,005% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,2%	PF. S. 2839	2,5 kg 50 kg	23,75 price on request	19,70	18,55 17,80	
1416	Magnesium nitride R. G. for the determination of water in fuels containing alcohol according to Dietrich and Conrad <i>Magnésium nitrure / Magnesio nitruro</i> Mg_3N_2 $M = 100,93$ g/mol	WG. WG. 2857	100 g 250 g	135,50 307,—	115,20 260,95	108,40 245,60 230,25	
1417	Magnesium oxide R. G. <i>Magnésium oxyde / Magnesio óxido</i> MgO $M = 40,30$ g/mol assay (chelatomic) min. 97% insoluble in hydrochloric acid max. 0,005% soluble in water max. 0,5% loss on ignition max. 3% barium and strontium (as Ba) max. 0,005% calcium (Ca) max. 0,02% iron (Fe) max. 0,005% potassium (K) max. 0,005% sodium (Na) max. 0,2% heavy metals (as Pb) max. 0,005% zinc (Zn) max. 0,005% chloride (Cl) max. 0,01% sulphate (SO ₄) max. 0,02% total nitrogen (N) max. 0,002%	PF. PF. PF. 2519	100 g 250 g 1 kg	23,— 52,50 173,—	19,55 44,65 147,05	18,40 42,— 138,40	17,25 39,40 133,20
1418	Magnesium oxide R. G. (max. 0,001% SO₄) <i>Magnésium oxyde / Magnesio óxido</i> MgO $M = 40,30$ g/mol assay (chelatomic) min. 97% insoluble in hydrochloric acid max. 0,005% loss on ignition max. 3% soluble in water max. 0,5% barium and strontium (as Ba) max. 0,005% calcium (Ca) max. 0,02% iron (Fe) max. 0,005% potassium (K) max. 0,005% sodium (Na) max. 0,2% heavy metals (as Pb) max. 0,003% zinc (Zn) max. 0,005% chloride (Cl) max. 0,01% sulphate (SO ₄) max. 0,001% total nitrogen (N) max. 0,002%	PF. PF. 2519	100 g 1 kg	21,50 144,—	18,30 122,40	17,20 115,20	16,15 110,90
3138	Magnesium oxide chem. pure light Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Magnésium oxyde / Magnesio óxido</i> MgO $M = 40,30$ g/mol assay (ex ignited substance) 98% soluble in water 0,5% insoluble in acetic acid 0,05% loss on ignition 1,5% arsenic (As) 0,0002% calcium (Ca) 0,5% iron (Fe) 0,05% heavy metals (as Pb) 0,002% chloride (Cl) 0,05% sulphate (SO ₄) 0,5%	K. K. S. 2519	500 g 1 kg 25 kg	11,25 20,25 price on request	9,55 17,20	9,— 16,20	8,65 15,60

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Type of package
B.T.N.

Price per package DM
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13139	Magnesium oxide pure light <i>Magnésium oxyde / Magnesio óxido</i> MgO $M = 40,30$ g/mol assay (ex ignited substance) 97% loss on ignition 8% calcium (Ca) 1% iron (Fe) 0,05% heavy metals (as Pb) 0,005% chloride (Cl) 0,1% sulphate (SO ₄) 0,5%	K. S. 2519	1 kg 25 kg	17,— price on request	14,45	13,60	13,10
13140	Magnesium oxide technical <i>Magnésium oxyde / Magnesio óxido</i> MgO $M = 40,30$ g/mol	PF. S. 2519	5 kg 25 kg	35,25 price on request	29,25	27,50	26,40
31419 A 5.1/4B C 5.1 1475 2	Magnesium perchlorate R. G. (for drying) <i>Magnésium perchlorate / Magnesio perclorato</i> Mg(ClO ₄) ₂ · xH ₂ O $M =$ (anhydrous) 223,21 g/mol assay of Mg(ClO ₄) ₂ min. 83% free acid (as HClO ₄) max. 0,05% free alkali (as MgO) max. 0,05% chloride (Cl) max. 0,005% nitrate (NO ₃) max. 0,002%	WG. WG. WG. 2832	100 g 250 g 1 kg	17,50 36,— 120,—	14,90 30,60 102,—	14,— 28,80 96,—	13,10 27,— 92,40
13132 A 5.1/4B C 5.1 1475 2	Magnesium perchlorate (for drying) <i>Magnésium perchlorate / Magnesio perclorato</i> Mg(ClO ₄) ₂ · H ₂ O $M =$ (anhydrous) 223,21 g/mol assay of Mg(ClO ₄) ₂ 76%	WG. WG. 2832	250 g 1 kg	28,75 96,—	24,45 81,60	23,— 76,80	21,50 73,90
13136 A 5.1/9B C 5.1 1476 2	Magnesium peroxide light DAB 8 <i>Magnésium peroxyde / Magnesio peróxido</i> MgO ₂ $M = 56,30$ g/mol assay 26% calcium (Ca) 0,5% iron (Fe) 0,01% heavy metals (as Pb) 0,002% chloride (Cl) 0,01% sulphate (SO ₄) 0,1%	PF. PF. 2818	250 g 1 kg	9,50 29,25	8,10 24,85	7,60 23,40	7,10 22,50
Magnesium phosphate dibasic see Magnesium hydrogen phosphate							
Magnesium rhodanide see Magnesium thiocyanate							
Magnesium silicofluoride see Magnesium fluorosilicate							
26454	Magnesium stearate <i>Magnésium stearate / Magnesio estearato</i> assay of Mg (on dry substance) 4,5% ash 7,5% loss on drying (105 °C) 3,5% heavy metals (as Pb) 0,002% chloride (Cl) 0,02% sulphate (SO ₄) 0,25% acid number of fatty acid precipitate 195—210	K. S. 2914	1 kg 20 kg	price on request price on request			
26419	Magnesium stearate pure <i>Magnésium stéarate / Magnesio estearato</i>	K. S. 2914	1 kg 20 kg	17,— price on request	14,45	13,60	13,10

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
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3143	Magnesium sulphate chem. pure dried DAB 7 <i>Magnésium sulfate / Magnesio sulfato</i> $\text{MgSO}_4 \cdot x\text{H}_2\text{O}$ M (anhydrous) = 120,37 g/mol assay of MgSO_4 in dried substance 99,5% loss on drying (400—500 °C) 26—32% arsenic (As) 0,0004% calcium (Ca) 0,02% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,008%	PF. PF. S. 2838	1 kg 5 kg 40 kg	10,50 38,— price on request	8,95 31,55 price on request	8,40 29,65 price on request	8,10 28,50 price on request
13173	Magnesium sulphate chem. pure dried B. P. 1973 <i>Magnésium sulfate / Magnesio sulfato</i> $\text{MgSO}_4 \cdot x\text{H}_2\text{O}$ M (anhydrous) = 120,37 g/mol assay of MgSO_4 in dried substance 99% loss on drying 30—38% free acid (as H_2SO_4) 0,008% free alkali (as MgO) 0,01% arsenic (As) 0,0002% calcium (Ca) 0,02% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,008%	PF. S. 2838	2,5 kg 50 kg	19,25 price on request	16,— price on request	15,— price on request	14,45 price on request
31420	Magnesium sulphate-6-hydrate R. G. <i>Magnésium sulfate-6-hydrate / Magnesio sulfato-6-hidrato</i> $\text{MgSO}_4 \cdot 6\text{H}_2\text{O}$ $M = 228,46$ g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 5—8 ammonium (NH_4) max. 0,002% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% potassium (K) max. 0,005% manganese (Mn) max. 0,0005% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% zinc (Zn) max. 0,002% chloride (Cl) max. 0,0005% nitrate (NO_3) max. 0,002%	PF. PF. PF. 2838	500 g 1 kg 5 kg	11,— 18,75 77,50	9,35 15,95 64,35	8,80 15,— 60,45	8,45 14,45 58,15
17910	Magnesium sulphate-7-hydrate PURANAL® <i>Magnésium sulfate-7-hydrate / Magnesio sulfato-7-hidrato</i> $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 246,47$ g/mol analytical data on request	PF. 2838	5 kg	price on request			
13142	○ Magnesium sulphate-7-hydrate chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX, Reag. Ph. Eur. I <i>Magnésium sulfate-7-hydrate / Magnesio sulfato-7-hidrato</i> $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 246,47$ g/mol assay 99,8% loss on drying (500 °C) 51% free acid (as H_2SO_4) 0,005% free alkali (as MgO) 0,003% arsenic (As) 0,0001% calcium (Ca) 0,01% iron (Fe) 0,0005% heavy metals (as Pb) 0,0005% chloride (Cl) 0,005%	PF. PF. S. S. S. 2838	2,5 kg 5 kg 50 kg 5x 10x	16,75 30,75 kg kg kg	13,90 25,50 1,25 1,15 1,10	13,05 24,— price on request	12,55 23,05 price on request
38146	0,1 mol Magnesium sulphate FIXANAL® 24,648 $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ for 1 L 0,1 M solution <i>0,1 mol Magnésium sulfate / 0,1 mol Magnesio sulfato</i> bottle	3819	1 pack	12,75	10,85	10,20	9,55


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13146	Magnesium thiocyanate-4-hydrate pure <i>Magnésium thiocyanate-4-hydrate / Magnesio tiocianato-4-hidrato</i> $\text{Mg}(\text{SCN})_2 \cdot 4\text{H}_2\text{O}$ $M = 212,53 \text{ g/mol}$ assay 97% ammonium (NH_4) 0,02% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,1%  R: 20/21/22-32 S: 2-13 disposal: 8	WG. FTP. 2844	1 kg 50 kg	59,— price on request	50,15	47,20	45,4
13147	Magnesium thiosulphate-6-hydrate pure cryst. <i>Magnésium thiosulfate-6-hydrate / Magnesio tiosulfato-6-hidrato</i> $\text{MgS}_2\text{O}_3 \cdot 6\text{H}_2\text{O}$ $M = 244,53 \text{ g/mol}$ assay 99% free acid (as H_2SO_4) 0,02% free alkali (as MgO) 0,02% calcium (Ca) 0,1% iron (Fe) 0,001% heavy metals (as Pb) 0,001% other sulphur compounds (as SO_4) 0,3% sulphide (S) 0,0005% Magneson I see 4-(4-Nitrophenylazo)-resorcinol Magneson II see 4-(4-Nitrobenzeneazo)-a-naphthol	PF. FTP. 2837	500 g 100 kg	20,25 price on request	17,20	16,20	15,20
32745	Malachite green crystals for microscopy (C. I. No. 42000, S. No. 754) <i>Vert malachite / Verde de malaquita</i>	WG. WG. WG. 3205	50 g 100 g 1 kg	8,25 13,— 97,50	7,— 11,05 82,90	6,60 10,40 78,—	6,20 9,75 75,10
35736	Malathion min. 99% PESTANAL® [S-(1,2-dicarbethoxyethyl)-0,0-dimethyl-dithiophosphate] $(\text{CH}_3\text{O})_2\text{P}(\text{S})\text{SCH}(\text{CH}_2\text{COOC}_2\text{H}_5)\text{COOC}_2\text{H}_5$ $\text{C}_{10}\text{H}_{19}\text{O}_6\text{PS}_2$ $M = 330,36 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 2-13 disposal: 7	FL. 2921	2 g	56,50	48,05	45,20	42,40
62730	Maleic acid PROSYNTH® <i>Acide maléique / Acido maleico</i> $\text{HOOCCH}=\text{CHCOOH}$ $\text{C}_4\text{H}_4\text{O}_4$ $M = 116,07 \text{ g/mol}$ assay (alkalimetric) 99% melting range 133—136 °C  R: 22-36/37/38 S: 26-28-37 disposal: 21	PF. 2915	500 g	18,75	15,95	15,—	14,45
39472	Maleic acid disodium salt BIOSYNTH® <i>Acide maléique, sel disodique / Acido maleico, sal disódica</i> $\text{NaOOCCH}=\text{CHCOONa}$ $\text{C}_4\text{H}_2\text{Na}_2\text{O}_4$ $M = 160,04 \text{ g/mol}$	WG. 2915	50 g	23,25	19,75	18,60	17,45
39406 C 8 2215 3	Maleic anhydride BIOSYNTH® <i>Anhydride maléique / Anhidrido maléico</i> $\text{OCOCH}=\text{CHCO}$ $\text{C}_4\text{H}_2\text{O}_3$ $M = 98,06 \text{ g/mol}$  R: 22-36/37/38-42 S: 22-28-39 disposal: 21	PF. PF. 2915	100 g 500 g	17,50 72,—	14,90 61,20	14,— 57,60	13,15 55,45

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			1x	6x	24x	96x	
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0205 8 2215 3	Maleic anhydride PROSYNTH® <i>Anhydride maléique / Anhídrido maleico</i> <chem>O=COC(=O)C=C</chem> <chem>C4H2O3</chem> M = 98,06 g/mol assay 99% melting range 52—54 °C <div><div>X</div><div>R: 22-36/37/38-42 S: 22-28-39 disposal: 21</div></div>	PF. PF. 2915	1 kg 5 kg	16,25 66,—	13,80 54,80	13,— 51,50	12,50 49,50
5801	Maleic hydrazide min. 99% PESTANAL® <chem>NC(=O)C=CC(=O)NNC(=O)C</chem> <chem>C4H4N2O2</chem> M = 112,09 g/mol Maleic hydrazide see also 3,6-Pyridazinediol	FL. 2929	1 g	17,50	14,90	14,—	13,15
9405	Maleimide BIOSYNTH® <i>Maléimide / Maleimida</i> <chem>N#CC(=O)C=CC(=O)N</chem> <chem>C4H3NO2</chem> M = 97,07 g/mol	WG. 2926	5 g	47,50	40,40	38,—	35,65
4665	Maleimide PROSYNTH® <i>Maléimide / Maleimida</i> <chem>N#CC(=O)C=CC(=O)N</chem> <chem>C4H3NO2</chem> M = 97,07 g/mol assay (ex N) 98% melting range 91—93 °C	WG. 2926	10 g	108,—	91,80	86,40	81,—
7606	Malic acid inactive pure cryst. <i>Acide malique / Acido málico</i> <chem>OC(=O)C(O)CC(=O)O</chem> <chem>C4H6O5</chem> M = 134,09 g/mol assay 99,5% melting range 129—131 °C sulphated ash 0,1% arsenic (As) 0,0001% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,01% sulphate (SO ₄) 0,02%	PF. PF. FTP. FTP. 2916	250 g 1 kg 25 kg 4x	8,— 20,— kg kg	6,80 17,— 10,70 10,—	6,40 16,—	6,— 15,40
39276	DL-Malic acid BIOSYNTH® <i>Acide DL-malique / Acido DL-málico</i> <chem>OC(=O)C(O)CC(=O)O</chem> <chem>C4H6O5</chem> M = 134,09 g/mol	PF. PF. 2916	250 g 1 kg	13,75 40,25	11,70 34,20	11,— 32,20	10,30 31,—
39275	L(-)-Malic acid BIOSYNTH® <i>Acide L(-)-malique / Acido L(-)-málico</i> <chem>OC(=O)C(O)CC(=O)O</chem> <chem>C4H6O5</chem> M = 134,09 g/mol	FL. 2916	5 g	15,50	13,20	12,40	11,65
32033	L(-)-Malic acid PROSYNTH® <i>Acide L(-)-malique / Acido L(-)-málico</i> <chem>OC(=O)C(O)CC(=O)O</chem> <chem>C4H6O5</chem> M = 134,09 g/mol assay (alkalimetric) 99% melting range 99—102 °C spec. rotation ([α] _D ²⁰ ; c=5 in C ₅ H ₅ N) -27° ± 3°	WG. 2916	25 g	33,—	28,05	26,40	24,75
33598	Malonamide PROSYNTH® <i>Diamide malonique / Acido malónico diamida</i> <chem>NC(=O)CC(=O)N</chem> <chem>C3H6N2O2</chem> M = 102,09 g/mol assay (ex N) 97% melting range 167—169 °C	WG. 2925	25 g	10,—	8,50	8,—	7,50

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27711	Malonic acid chem. pure <i>Acide malonique / Acido malónico</i> <chem>CH2(COOH)2</chem> <chem>C3H4O4</chem> $M = 104,06$ g/mol assay (acidimetric) 99% melting range 132–134 °C sulphated ash 0,1% chloride (Cl) 0,0001% sulphate (SO ₄) 0,01%	PF. PF. 2915	100 g 1 kg	16,50 124,50	14,05 105,85	13,20 99,60	12,40 95,85
27712	Malonic acid pure <i>Acide malonique / Acido malónico</i> <chem>CH2(COOH)2</chem> <chem>C3H4O4</chem> $M = 104,06$ g/mol assay (acidimetric) 99% melting range 130–132 °C sulphated ash 0,5% chloride (Cl) 0,01% sulphate (SO ₄) 0,05%	PF. PF. FTP. 2915	† 500 g 1 kg 50 kg	38,— 70,— price on request	32,30 59,50	30,40 56,—	28,50 53,90
09056	Malonic acid-d₄ deuteration degree not less than 99 atom % D <i>Acide malonique-d₄ / Acido malónico-d₄</i> <chem>CD2(COOD)2</chem> <chem>C3D4O4</chem> $M = 108,03$ g/mol Malonic acid diamide see Malonamide Malonic acid diethyl ester see Diethyl malonate Malonic acid dimethyl ester see Dimethyl malonate	A. 2851	10 g	58,—	49,30	46,40	43,50
60386	Malonic acid dinitrile PROSYNTH® <i>Acide malonique dinitrile / Acido malónico dinitrilo</i> <chem>CH2(CN)2</chem> <chem>C3H2N2</chem> $M = 66,06$ g/mol assay (GC) 99% melting range 31–33 °C  R: 23/24/25 S: 23-27 disposal: 15	WG. WG. 2927	100 g 500 g	21,50 88,—	18,30 74,80	17,20 70,40	16,15 67,75
60394	Malonyl chloride PROSYNTH® <i>Malonyle chlorure / Malonilo cloruro</i> <chem>CICOCH2COCl</chem> <chem>C3H2Cl2O2</chem> $M = 140,95$ g/mol 1 L ≈ 1,45 kg assay (ex Cl) 99% boiling range (at 37 mbar) 58–60 °C refractive index (n _D ²⁰) 1,463 Maltin see Diastase Maltol see 3-Hydroxy-2-methyl-1,4-pyrone	FL. 2915	25 ml	74,—	62,90	59,20	55,50
39407	D(+)-Maltose BIOSYNTH® <i>D(+)-Maltose / D(+)-Maltosa</i> <chem>C12H22O11 · H2O</chem> $M = 360,31$ g/mol	PF. 2943	25 g	43,—	36,55	34,40	32,25
15718	D(+)-Maltose <i>D(+)-Maltose / D(+)-Maltosa</i> <chem>C12H22O11 · H2O</chem> $M = 360,31$ g/mol	PF. PF. 2943	100 g 500 g	11,25 43,75	9,55 37,20	9,— 35,—	8,45 33,70
27713	Mandelic acid chem. pure DAB 7 <i>Acide mandélique / Acido amigdalico</i> <chem>C6H5CH(OH)COOH</chem> <chem>C8H8O3</chem> $M = 152,15$ g/mol assay 99,5% melting range 118–122 °C sulphated ash 0,05% ammonium (NH ₄) passes test heavy metals (as Pb) 0,001% chloride (Cl) 0,005% cyanide (CN) passes test sulphate (SO ₄) 0,005%	WG. WG. 2916	100 g 1 kg	11,75 77,50	10,— 65,90	9,40 62,—	8,80 59,70

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Type of package
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package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

2732	D(-)-Mandelic acid PROSYNTH <i>Acide D(-)-mandélique / Acido D(-)-amigdalico</i> $C_6H_5CH(OH)COOH$ $C_8H_8O_3$ $M = 152,15$ g/mol assay (alkalimetric) 99% melting range 131–133 °C spec. rotation $[\alpha]_D^{20}$; c = 5 in H_2O) $-154^\circ \pm 4^\circ$	WG. 2916	10 g	36,75	31,25	29,40	27,55
2733	L(+)-Mandelic acid PROSYNTH® <i>Acide L(+)-mandélique / Acido L(+)-amigdalico</i> $C_6H_5CH(OH)COOH$ $C_8H_8O_3$ $M = 152,15$ g/mol assay (alkalimetric) 98% melting range 132–134 °C spec. rotation $[\alpha]_D^{20}$; c = 5 in H_2O) $+154^\circ \pm 4^\circ$	WG. 2916	10 g	34,50	29,35	27,60	25,90
	Mandelic acid nitrile see α -Hydroxyphenylacetoneitrile						
	Mandelonitrile see α -Hydroxyphenylacetoneitrile						
3258	Manganese scales <i>Manganèse / Manganeso</i> Mn $M = 54,94$ g/mol assay 99,9% lead (Pb) 0,006% iron (Fe) 0,005% carbon (C) 0,05% copper (Cu) 0,005% nickel (Ni) 0,01% phosphorus (P) 0,003% oxygen (O) 0,02% sulphur (S) 0,03% silicium (Si) 0,01%	PF. PF. 8104	500 g 1 kg	25,75 47,50	21,90 40,40	20,60 38,—	19,85 36,60
8610	0,100 g Manganese FIXANAL® water-soluble standard for atom absorption <i>0,100 g Manganèse / 0,100 g Manganeso</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
8660 3/3 3.3 1115 2 25 °C	0,100 g organo-Manganese FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Manganèse / 0,100 g organo-Manganeso</i> ampoule R: 10	3819	1 pack	33,75	28,70	27,—	25,30
8567	1,00 g Manganese FIXANAL® watersoluble standard for atom absorption <i>1,00 g Manganèse / 1,00 g Manganeso</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
8890	10,00 g Manganese FIXANAL® as Manganese(II) chloride <i>10,00 g Manganèse / 10,00 g Manganeso</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,05
2317	Manganese(II) acetate tetrahydrate R. G. <i>Manganèse(II) acétate tétrahydrate / Manganeso(II) acetato tetrahidrato</i> $Mn(CH_3COO)_2 \cdot 4H_2O$ $C_4H_6MnO_4 \cdot 4H_2O$ $M = 245,09$ g/mol assay min. 99,5% insoluble in water max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% magnesium (Mg) max. 0,005% sodium (Na) max. 0,002% heavy metals (as Pb) max. 0,0005% zinc (Zn) max. 0,005% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005% $KmnO_4$ reducing substances (as O) max. 0,0005%	PF. PF. FTP. 2914	250 g 1 kg 50 kg	13,50 37,75 kg	11,50 32,10 21,15	10,80 30,20	10,15 29,05

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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
17854	Manganese(II) acetate tetrahydrate PURANAL® <i>Manganèse(II) acétate tétrahydrate / Manganeso(II) acetato tetrahidrato</i> $Mn(CH_3COO)_2 \cdot 4H_2O$ $C_4H_6MnO_4 \cdot 4H_2O$ $M = 245,09$ g/mol analytical data on request	PF. FTP. 2914	2,5 kg 50 kg	price on request price on request			
13286	Manganese(II) acetate tetrahydrate chem. pure <i>Manganèse(II) acétate tétrahydrate / Manganeso(II) acetato tetrahidrato</i> $Mn(CH_3COO)_2 \cdot 4H_2O$ $C_4H_6MnO_4 \cdot 4H_2O$ $M = 245,09$ g/mol assay 95—97 % calcium (Ca) 0,01 % iron (Fe) 0,001 % copper (Cu) 0,0005 % magnesium (Mg) 0,01 % nickel (Ni) 0,001 % chloride (Cl) 0,001 % sulphate (SO ₄) 0,005 %	PF. S. 2914	1 kg 50 kg	19,25 kg 4,70	16,35	15,40	14,80
62734	Manganese(II) acetylacetonate PROSYNTH® <i>Manganèse(II) acétylacétonate / Manganeso(II) acetilacetato</i> $Mn(C_5H_7O_2)_2$ $C_{10}H_{14}MnO_4$ $M = 253,16$ g/mol assay (ex Mn) 99 % melting range 248—250 °C (disint.)	WG. 2945	50 g	16,—	13,60	12,80	12,—
62735	Manganese(III) acetylacetonate PROSYNTH® <i>Manganèse(III) acétylacétonate / Manganeso(III) acetilacetato</i> $Mn(C_5H_7O_2)_3$ $C_{15}H_{21}MnO_6$ $M = 352,27$ g/mol assay (ex Mn) 99 % melting range 159—161 °C (disint.)	WG. 2945	50 g	19,75	16,80	15,80	14,80
13211	Manganese borate pure <i>Manganèse borate / Manganeso borato</i> assay of Mn 23 % assay of B ₂ O ₃ 41 %	PF. S. 2846	1 kg 20 kg	38,25 price on request	32,50	30,60	29,45
13212	Manganese borate technical for varnishes <i>Manganèse borate / Manganeso borato</i>	PF. S. 2846	5 kg 50 kg	66,50 price on request	55,20	51,85	49,90
31421	Manganese(II) carbonate R. G. <i>Manganèse(II) carbonate / Manganeso(II) carbonato</i> $MnCO_3 \cdot xH_2O$ $M =$ (anhydrous) 114,95 g/mol assay of Mn 43—45 % insoluble in diluted acid max. 0,05 % ammonium (NH ₄) max. 0,1 % calcium (Ca) max. 0,01 % iron (Fe) max. 0,002 % potassium (K) max. 0,01 % sodium (Na) max. 0,1 % heavy metals (as Pb) max. 0,002 % zinc (Zn) max. 0,005 % chloride (Cl) max. 0,002 % sulphate (SO ₄) max. 0,005 %	PF. PF. 2842	250 g 1 kg	26,— 87,50	22,10 74,40	20,80 70,—	19,50 67,40
13213	Manganese(II) carbonate chem. pure <i>Manganèse(II) carbonate / Manganeso(II) carbonato</i> $MnCO_3 \cdot H_2O$ $M =$ (anhydrous) 114,95 g/mol assay of Mn 44 % iron (Fe) 0,005 % sodium (Na) 0,2 % heavy metals (as Pb) 0,005 % chloride (Cl) 0,02 % sulphate (SO ₄) 0,02 %	PF. 2842	1 kg	52,—	44,20	41,60	40,05

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
215	Manganese(II) carbonate technical <i>Manganèse(II) carbonate / Manganeso(II) carbonato</i> $\text{MnCO}_3 \cdot \text{H}_2\text{O}$ $M = (\text{anhydrous}) 114,95 \text{ g/mol}$ assay of Mn 43–44 % iron (Fe) 0,01 %	PF. S. 2842	5 kg 50 kg	58,50 price on request	48,55	45,65	43,90
422	Manganese(II) chloride-4-hydrate R. G. <i>Manganèse(II) chlorure-4-hydrate / Manganeso(II) cloruro-4-hidrato</i> $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ $M = 197,90 \text{ g/mol}$ assay min. 99 % insoluble in water max. 0,005 % pH (5 %, 20 °C) 4–6 calcium (Ca) max. 0,005 % iron (Fe) max. 0,0005 % sodium (Na) max. 0,01 % nickel (Ni) max. 0,002 % heavy metals (as Pb) max. 0,001 % zinc (Zn) max. 0,005 % sulphate (SO_4) max. 0,005 % matters reducing KMnO_4 (as O) max. 0,0005 %	PF. PF. FTP. 2830	250 g 1 kg 50 kg	14,25 36,— kg 19,75	12,10 30,60	11,40 28,80	10,70 27,70
216	Manganese(II) chloride-4-hydrate chem. pure <i>Manganèse(II) chlorure-4-hydrate / Manganeso(II) cloruro-4-hidrato</i> $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ $M = 197,90 \text{ g/mol}$ assay 98 % pH range (5 %, 20 °C) 4–6 iron (Fe) 0,002 % nickel (Ni) 0,005 % heavy metals (as Pb) 0,002 % sulphate (SO_4) 0,01 %	PF. PF. PF. S. 2830	500 g 1 kg 5 kg 50 kg	13,— 23,25 87,50 price on request	11,05 19,75 72,65	10,40 18,60 68,25	10,— 17,90 65,65
219	Manganese(II) chloride-4-hydrate technical <i>Manganèse(II) chlorure-4-hydrate / Manganeso(II) cloruro-4-hidrato</i> $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ $M = 197,90 \text{ g/mol}$ assay 98 % iron (Fe) 0,005 % heavy metals (as Pb) 0,005 % sulphate (SO_4) 0,05 %	PF. S. 2830	5 kg 50 kg	60,— price on request	49,80	46,80	45,—
223	Manganese citrate soluble Erg. B. 6 <i>Manganèse citrate / Manganeso citrato</i> assay of $\text{Mn}_3(\text{C}_6\text{H}_5\text{O}_7)_2$ 48–52 % pH range (5 %, 20 °C) 7–8 arsenic (As) 0,0005 % iron (Fe) 0,005 % heavy metals (as Pb) 0,005 % chloride (Cl) 0,02 % sulphate (SO_4)	PF. 2916	1 kg	45,—	38,25	36,—	34,65
041 6.1/5 6.1 2811 2	di-Manganese decacarbonyl PROSYNTH® <i>di-Manganèse décacarbonyle / di-Manganeso decacarbonilo</i> $\text{Mn}_2(\text{CO})_{10}$ $\text{C}_{10}\text{Mn}_2\text{O}_{10}$ $M = 389,98 \text{ g/mol}$ assay (ex Mn) 98 % keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2858	1 g	price on request			
0407 6.1 2811 3	Manganese dioxide see Manganese(IV) oxide Manganese(II) fluoride <i>Manganèse(II) fluorure / Manganeso(II) fluoruro</i> MnF_2 $M = 92,93 \text{ g/mol}$ Manganese hydroxide see Manganese oxide hydrated	WG. 2829	10 g	27,75	23,60	22,20	20,80

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
04414	Manganese(II) hypophosphite-1-hydrate Erg. B. 6, B. P. C. 1963 <i>Manganèse(II) hypophosphite-1-hydrate / Manganeso(II) hipofosfito-1-hidrato</i> $Mn(PH_2O_2)_2 \cdot H_2O$ $M = 202,93$ g/mol assay 98% arsenic (As) 0,0005% barium (Ba) 0,005% calcium (Ca) 0,05% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,01% sulphate (SO ₄) 0,01%	PF. PF. FTP. 2840	1 kg 2,5 kg 50 kg	65,50 144,— price on request	55,70 119,50 price on request	52,40 112,30 price on request	50,40 108,— price on request
13227	Manganese(II) lactate trihydrate pure Erg. B. 6 <i>Manganèse(II) lactate trihydrate / Manganeso(II) lactato trihidrato</i> $Mn[CH_3CH(OH)COO]_2 \cdot 3H_2O$ $CaH_{10}MnO_6 \cdot 3H_2O$ $M = 287,13$ g/mol assay 99% pH range (5%, 20 °C) 5—7 iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. 2916	1 kg	34,50	29,35	27,60	26,50
31423 C 5.1 1477 2	Manganese(II) nitrate-4-hydrate R. G. <i>Manganèse(II) nitrate-4-hydrate / Manganeso(II) nitrato-4-hidrato</i> $Mn(NO_3)_2 \cdot 4H_2O$ $M = 251,01$ g/mol assay min. 98% insoluble in water max. 0,005% ammonium (NH ₄) max. 0,05% lead (Pb) max. 0,001% calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,005% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,005% sodium (Na) max. 0,005% zinc (Zn) max. 0,001% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005%	PF. PF. FTP. 2839	250 g 1 kg 25 kg	11,75 30,— kg	10,— 25,50 14,25	9,40 24,—	8,80 23,10
17856 C 5.1 1477 2	Manganese(II) nitrate-4-hydrate PURANAL® <i>Manganèse(II) nitrate-4-hydrate / Manganeso(II) nitrato-4-hidrato</i> $Mn(NO_3)_2 \cdot 4H_2O$ $M = 251,01$ g/mol analytical data on request	PF. FTP. 2839	2,5 kg 50 kg	price on request price on request	price on request price on request	price on request price on request	price on request price on request
13228 C 5.1 1477 2	Manganese(II) nitrate-4-hydrate pure <i>Manganèse(II) nitrate-4-hydrate / Manganeso(II) nitrato-4-hidrato</i> $Mn(NO_3)_2 \cdot 4H_2O$ $M = 251,01$ g/mol assay 98% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,02%	PF. PF. FTP. 2839	500 g 1 kg 50 kg	12,75 23,— price on request	10,85 19,55 price on request	10,20 18,40 price on request	9,80 17,70 price on request
17918 C 5.1 1477 2	Manganese(II) nitrate-6-hydrate PURANAL® <i>Manganèse(II) nitrate-6-hydrate / Manganeso(II) nitrato-6-hidrato</i> $Mn(NO_3)_2 \cdot 6H_2O$ $M = 287,04$ g/mol	PF. FTP. 2839	5 kg 50 kg	price on request price on request	price on request price on request	price on request price on request	price on request price on request

e-Number
D/ADR
GVE/GGVs
IDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

242 **Manganese(IV) oxide 90—95%, powder**
1 2811 3 *Manganèse(IV) oxyde / Manganeso(IV) óxido*

MnO₂ M = 86,94 g/mol

assay 92%
insoluble in hydrochloric acid 3,5%
loss on drying (105 °C) 0,1%
iron (Fe) 0,3%
silicium dioxide (SiO₂) 3%



R: 20/22 S: 25
disposal: 16

PF.
PF.
S.
2601

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)
1 kg	13,25	11,25	10,60	10,20
5 kg	49,25	40,90	38,40	36,95
50 kg	kg	2,60		

3237 **Manganese(IV) oxide 80—85%, powder**
6.1 2811 3 *Manganèse(IV) oxyde / Manganeso(IV) óxido*

MnO₂ M = 86,94 g/mol

assay 82%
insoluble in hydrochloric acid 8%
loss on drying (105 °C) 0,5%
iron (Fe) 0,3%
silicium dioxide (SiO₂) 7%



R: 20/22 S: 25
disposal: 16

PF.
S.
2601

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)
5 kg	29,50	24,50	23,—	22,15
50 kg	kg	1,80		

3201 **Manganese(IV) oxide G**
Manganèse(IV) oxyde G / Manganeso(IV) óxido G

3291 **Manganese(IV) oxide for Thiokol® hardening C**
6.1 2811 3 *Manganèse(IV) oxyde / Manganeso(IV) óxido*
® = trade mark of Thiokol Co.

MnO₂ M = 86,94 g/mol



R: 20/22 S: 25
disposal: 16

FTP.
2601

100 kg price on request

PF.
FTP.
2822

1 kg price on request
100 kg price on request

3207 **Manganese(IV) oxide for Thiokol® hardening FA**
6.1 2811 3 *Manganèse(IV) oxyde / Manganeso(IV) óxido*
® = trade mark of Thiokol Co.

MnO₂ M = 86,94 g/mol



R: 20/22 S: 25
disposal: 16

PF.
FTP.
2822

1 kg price on request
100 kg price on request

3232 **Manganese oxide hydrated technical**
Manganèse oxyde hydraté / Manganeso óxido hidratado

assay of Mn 58%
loss on drying (100 °C) 1%
iron (Fe) 1%



R: 20/22 S: 25
disposal: 16

PF.
S.
2828

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)
5 kg	71,50	59,35	55,75	53,65
50 kg		price on request		

3259 **Manganese oxide hydrated technical for PVC-stabilization**
Manganèse oxyde hydraté / Manganeso óxido hidratado



Manganese peroxide see Manganese(IV) oxide





4264 **Manganese(II) phosphate technical**
Manganèse(II) phosphate / Manganeso(II) fosfato
assay of manganese (Mn) 35%
loss on ignition 15%

PF.
S.
2840





	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)
1 kg	31,50	26,80	25,20	24,25
50 kg		price on request		






Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
31425	Manganese(II) sulphate-1-hydrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Manganèse(II) sulfate-1-hydrate / Manganeso(II) sulfato-1-hidrato</i> MnSO ₄ · H ₂ O M = 169,02 g/mol assay min. 99% insoluble in water max. 0,005% loss on ignition (400—500 °C) 10—12% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% magnesium (Mg) max. 0,005% sodium (Na) max. 0,005% nickel (Ni) max. 0,002% heavy metals (as Pb) max. 0,001% zinc (Zn) max. 0,001% chloride (Cl) max. 0,005% matters reducing KMnO ₄ (as O) max. 0,0005%	PF.	500 g	20,25	17,20	16,20	15,8
		PF.	1 kg	37,—	31,45	29,60	28,5
		PF.	5 kg	155,—	128,65	120,90	116,2
		2838					
13245	Manganese(II) sulphate-1-hydrate chem. pure cryst. <i>Manganèse(II) sulfate-1-hydrate / Manganeso(II) sulfato-1-hidrato</i> MnSO ₄ · H ₂ O M = 169,02 g/mol assay 98% calcium (Ca) 0,02% iron (Fe) 0,001% magnesium (Mg) 0,02% heavy metals (as Pb) 0,002% chloride (Cl) 0,01%	PF.	1 kg	23,—	19,55	18,40	17,70
		PF.	5 kg	86,50	71,80	67,45	64,90
		S.	50 kg	price on request			
		2838					
13246	Manganese(II) sulphate-1-hydrate pure <i>Manganèse(II) sulfate-1-hydrate / Manganeso(II) sulfato-1-hidrato</i> MnSO ₄ · H ₂ O M = 169,02 g/mol assay 98% calcium (Ca) 0,1% iron (Fe) 0,002% magnesium (Mg) 0,05% heavy metals (as Pb) 0,004% chloride (Cl) 0,01%	PF.	1 kg	19,25	16,35	15,40	14,80
		PF.	5 kg	71,50	59,35	55,75	53,65
		S.	50 kg	price on request			
		2838					
13255	Manganese(II) sulphate-1-hydrate technical <i>Manganèse(II) sulfate-1-hydrate / Manganeso(II) sulfato-1-hidrato</i> MnSO ₄ · H ₂ O M = 169,02 g/mol assay 98% calcium (Ca) 0,2% iron (Fe) 0,005% magnesium (Mg) 0,1% heavy metals (as Pb) 0,004% chloride (Cl) 0,01%	PF.	1 kg	12,—	10,20	9,60	9,25
		PF.	5 kg	45,—	37,35	35,10	33,75
		S.	50 kg	price on request			
		2838					
Manganese superoxide see Manganese(IV) oxide							
33440	D(-)-Mannitol R. G. <i>D(-)-Mannitol / D(-)-Manita</i> HOCH ₂ (CHOH) ₄ CH ₂ OH C ₆ H ₁₄ O ₆ M = 182,17 g/mol assay min. 99% melting range 165—168 °C spec. rotation ([α] _D ²⁰ ; c=10, sodium borate) +23,5 to +24,3° water (according to Karl Fischer) max. 0,3% sulphated ash max. 0,05% arsenic (As) max. 0,0001% calcium (Ca) max. 0,001% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,01% reducing impurities (as glucose) max. 0,04%	PF.	100 g	9,50	8,10	7,60	7,15
		PF.	500 g	26,25	22,30	21,—	20,20
		2904					






de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM					
		1x	6x	24x	96x		
			(1 Box)	(4 Boxes)	(16 Boxes)		
719	D(-)-Mannitol DAC, U.S.P. XIX <i>D(-)-Mannitol / D(-)-Manita</i> $\text{OHCH}_2(\text{CHOH})_4\text{CH}_2\text{OH}$ $\text{C}_6\text{H}_{14}\text{O}_6$ $M = 182,17$ g/mol assay (dried substance) 99,5% melting range 165–168 °C specific rotation ($[\alpha]_D^{20}$; c = 10, sodium borate) + 23,5 to + 24,3° loss on drying (105 °C, 4 h) 0,2% sulphated ash 0,05% arsenic (As) 0,0001% calcium (Ca) 0,001% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,01%	PF. PF. PF. FTP. 2904	250 g 500 g 1 kg 50 kg	8,25 11,75 21,— price on request	7,— 10,— 17,85 price on request	6,60 9,40 16,80 price on request	6,20 9,05 16,15 price on request
9150	D(+)-Mannose BIOSYNTH® <i>D(+)-Mannose / D(+)-Manosa</i> $\text{HOCH}_2\text{CH}(\text{CHOH})_4\text{O}$ $\text{C}_6\text{H}_{12}\text{O}_6$ $M = 180,16$ g/mol specific rotation ($[\alpha]_D^{20}$; c = 10 in H_2O) ... +14,3° ± 0,5°	PF. 2943	100 g	113,50	96,50	90,80	85,15
	Margaric acid see Heptadecanoic acid						
9638	Marlophen® 87 for gas chromatography trade mark of Chemische Werke Hüls working temperature 50 to 200 °C	FL. 2908	50 g	21,50	18,30	17,20	16,15
6048 6.1/53 6.1 1624 2	Mayer's reagent Reag. Ph. Eur. I <i>Réactif de Mayer / Reactivo de Mayer</i> 1 L ≈ 1,05 kg	PF. 3819	250 ml	9,50	8,10	7,60	7,15
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 26						
	May-Grünwald see Eosin methylene-blue acc. to May-Grünwald						
6320 6.1/210 6.1 2810 2	MBBA [N-(p-Metoxybenzylidene)-p-butylaniline] $\text{CH}_3\text{OC}_6\text{H}_4\text{CH}=\text{NC}_6\text{H}_4(\text{CH}_2)_3\text{CH}_3$ $\text{C}_{18}\text{H}_{21}\text{NO}$ $M = 267,37$ g/mol melting point' 21 °C clarification range' 44–45 °C	FL. FL. 2926	25 g 100 g	price on request price on request			
5737 6.1/83NB 6.1 ./ 3	MCPA min. 99% PESTANAL® (4-Chloro-2-methylphenoxyacetic acid) $\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_3\text{OCH}_2\text{COOH}$ $\text{C}_9\text{H}_9\text{ClO}_3$ $M = 200,62$ g/mol	FL. 2916	1 g	21,50	18,30	17,20	16,15
5738 6.1/83NB 6.1 ./ 3	MCPA-methyl ester min. 99% PESTANAL® (4-Chloro-2-methylphenoxy methyl acetate) $\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_3\text{OCH}_2\text{COOCH}_3$ $\text{C}_{10}\text{H}_{11}\text{ClO}_3$ $M = 214,65$ g/mol	FL. 2916	2 g	35,75	30,40	28,60	26,80
5739 6.1/83NB 6.1 ./ 3	MCPB min. 99% PESTANAL® [4-(4-Chloro-2-methylphenoxy)-butyric acid] $\text{Cl}(\text{CH}_3)\text{C}_6\text{H}_3\text{O}(\text{CH}_2)_3\text{COOH}$ $\text{C}_{11}\text{H}_{13}\text{ClO}_3$ $M = 228,67$ g/mol	FL. 2916	1 g	18,—	15,30	14,40	13,50
	 R: 20/21/22 S: 2-13 disposal: 7						






Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
35740	MCPB-methyl ester min. 99% PESTANAL® [4-(4-Chloro-2-methylphenoxy)-methyl butyrate] A 6.1/83NB C 6.1 / 3 <chem>Cl(CH3)C6H3O(CH2)3COOCH3</chem> <chem>C12H15ClO3</chem> M = 242,70 g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	2 g	35,75	30,40	28,60	26,8
35741	Mecoprop min. 99% PESTANAL® [2-(4-Chloro-2-methylphenoxy)-propionic acid] A 6.1/83NB C 6.1 / 3 <chem>Cl(CH3)C6H3OCH(CH3)COOH</chem> <chem>C10H11ClO3</chem> M = 214,65 g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	1 g	14,25	12,10	11,40	10,7
35742	Mecoprop-methyl ester min. 99% PESTANAL® [2-(4-Chloro-2-methylphenoxy)-methyl propionate] A 6.1/83 C 6.1 / 3 <chem>Cl(CH3)C6H3OCH(CH3)COOCH3</chem> <chem>C11H13ClO3</chem> M = 228,67 g/mol  R: 20/21/22 S: 2-13 disposal: 7	FL. 2916	2 g	35,75	30,40	28,60	26,8
35783	Medinoterb acetate min. 99% PESTANAL® (2,4-Dinitro-3-methyl-6-tert.butylphenyl acetate) A 6.1/81C C 6.1 / 3 <chem>(NO2)2(CH3)C6H[C(CH3)2]OOCCH3</chem> <chem>C13H16N2O6</chem> M = 296,28 g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2914	1 g	28,25	24,—	22,60	21,2
Melamine see 2,4,6-Triamino-1,3,5-triazine							
65082	Meldrum's acid PROSYNTH® <i>Acide d'après Meldrum / Acido según Meldrum</i> <chem>OCCH2COOC[(CH3)2]O</chem> <chem>C6H8O4</chem> M = 144,13 g/mol assay (alkalimetric) 95% melting range 91—93 °C	WG. 2915	100 g	80,—	68,—	64,—	60,—
39151	α-D(+)-Melibiose monohydrate BIOSYNTH® <i>α-D(+)-Mélibiose monohydraté / α-D(+)-Melibiosa monohidrato</i> <chem>C12H22O11 · H2O</chem> M = 360,31 g/mol specific rotation ([α] _D ²⁰ ; c=4 in H ₂ O) +134° ± 2°	WG. 2943	10 g	60,—	51,—	48,—	45,—
Menadione see 2-Methyl-1,4-naphthoquinone							
D-p-Menthanol-(3) see (-)-Menthol							
15785	(-)-Menthol chem. pure DAB 8 <i>(-)-Menthol / (-)-Mentol</i> <chem>C6H9(CH3)(OH)(C[CH3]2)</chem> <chem>C10H20O</chem> M = 156,27 g/mol assay 99% melting range 41—44 °C specific rotation ([α] _D ²⁰), c = 10 in C ₂ H ₅ OH 90%) -47to -51 °	WG. WG. 2905	100 g 1 kg	24,25 184,—	20,60 156,40	19,40 147,20	18,2 141,7
16472	Menthyl iso-valerianate Erg. B. 6 <i>Menthyle isò-valériate / Mentilo iso-valerianato</i> + 92 °C <chem>C15H28O2</chem> M = 240,39 g/mol 1 L ≈ 0,90 kg	ALU. 2914	1 L	156,—	132,60	124,80	120,1
16471	Menthyl n-valerianate <i>Menthyle n-valériate / Mentilo n-valerianato</i> + 92 °C <chem>C15H28O2</chem> M = 240,39 g/mol 1 L ≈ 0,90 kg	ALU. 2914	1 L	137,50	116,90	110,—	105,9
Mercaptoacetic acid see Thioglycollic acid							








de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
600	2-Mercaptobenzimidazole PROSYNTH® 2-Mercaptobenzimidazole / 2-Mercaptobenzimidazol $C_6H_4NHC(SH)=N$ $C_7H_6N_2S$ $M = 150,20$ g/mol assay (ex S) 96% melting range 300–305 °C	PF. 2935	250 g	40,75	34,65	32,60	30,55
2737	2-Mercaptobenzoic acid PROSYNTH® Acide 2-mercaptobenzoïque / Acido 2-mercaptobenzóico HSC_6H_4COOH $C_7H_6O_2S$ $M = 154,19$ g/mol assay (alkalimetric) 97% melting range 162–165 °C	PF. 2931	50 g	29,—	24,65	23,20	21,75
3403	2-Mercaptobenzothiazole R. G. 2-Mercaptobenzothiazole / 2-Mercaptobenzotiazol $C_6H_4SC(SH)=N$ $C_7H_5NS_2$ $M = 167,25$ g/mol assay min. 99% sulphated ash max. 0,1% melting range 181–183 °C suitability for determination of metals passes test	WG. 2935	25 g	17,75	15,10	14,20	13,30
3601	2-Mercaptobenzothiazole PROSYNTH® 2-Mercaptobenzothiazole / 2-Mercaptobenzotiazol $C_6H_4SC(SH)=N$ $C_7H_5NS_2$ $M = 167,25$ g/mol assay (alkalimetric) 98% melting range 175–178 °C	PF. 2935	1 kg	44,25	37,60	35,40	34,05
3602	2-Mercaptobenzoxazole PROSYNTH® 2-Mercaptobenzoxazole / 2-Mercaptobenzoxazol $C_6H_4OC(SH)=N$ C_7H_5NOS $M = 151,19$ g/mol assay (iodometric) 97% melting range 193–196 °C	WG. 2935	10 g	25,50	21,70	20,40	19,15
2736	2-Mercaptoethanol PROSYNTH® 2-Mercaptoéthanol / 2-Mercaptoetanol $HSCH_2CH_2OH$ C_2H_6OS $M = 78,13$ g/mol assay (GC) 98% boiling range (at 16 mbar) 53–55 °C refractive index (n_D^{20}) 1,500	FL. 2931	100 ml	8,75	7,45	7,—	6,55
4997	2-Mercapto-1-methylimidazole PROSYNTH® 2-Mercapto-1-méthylimidazole / 2-Mercapto-1-metilimidazol $CH_3NC(SH)=NCH=CH$ $C_4H_6N_2S$ $M = 114,17$ g/mol assay 97% melting range 143–145 °C	WG. 2935	10 g	22,25	18,90	17,80	16,70
2739	2-Mercaptopropionic acid PROSYNTH® Acide 2-mercaptopropionique / Acido 2-mercaptopropiónico $CH_3CH(SH)COOH$ $C_3H_6O_2S$ $M = 106,14$ g/mol assay (alkalimetric) 99% boiling range (at 13 mbar) 94–96 °C refractive index (n_D^{20}) 1,482	FL. 2931	100 ml	23,—	19,55	18,40	17,25

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
62740	3-Mercaptopropionic acid PROSYNTH®	FL.	100 ml	23,50	20,—	18,80	17,65
A 8/210	<i>Acide 3-mercaptopropionique / Acido</i>	2931					
C 8 1760 2	<i>3-mercaptopropiónico</i>						
	HSCH ₂ CH ₂ COOH						
	C ₃ H ₆ O ₂ S M = 106,14 g/mol						1 L ≈ 1,22 kg
	assay (alkalimetric)						99%
	boiling range (at 1,3 mbar)						96—98 °C
39181	6-Mercaptopurine BIOSYNTH®	FL.	1 g	13,—	11,05	10,40	9,75
	<i>6-Mercaptopurine / 6-Mercaptopurina</i>	2935					
	C ₅ H ₄ N ₄ S M = 152,18 g/mol						
	melting range						313—314 °C
	2-Mercaptopyrimidine see Pyrimidinethiol-(2)						
62738	Mercaptosuccinic acid PROSYNTH®	PF.	100 g	41,25	35,05	33,—	30,95
	<i>Acide mercaptosuccinique / Acido mercaptosuccínico</i>	2931					
	HOOCCH(SH)CH ₂ COOH						
	C ₄ H ₆ O ₄ S M = 150,16 g/mol						
	assay (alkalimetric)						97%
	melting range						150—152 °C
	α-Mercaptotoluene see Benzylmercaptan						
31002	Mercury R. G., Reag. Ph. Eur. I	PF.	100 g	21,50	18,30	17,20	16,15
	<i>Mercuré / Mercurio</i>	PF.	500 g	87,50	74,40	70,—	67,40
	Hg M = 200,59 g/mol	PF.	1 kg	160,—	136,—	128,—	123,20
	insoluble in nitric acid	2805					max. 0,002%
	non-volatile matter						max. 0,002%
	lead (Pb)						max. 0,00001%
	cadmium (Cd)						max. 0,00001%
	iron (Fe)						max. 0,00005%
	copper (Cu)						max. 0,00001%
	nickel (Ni)						max. 0,00001%
	other heavy metals (as Pb)						max. 0,0001%
	thallium (Tl)						max. 0,00005%
	bismuth (Bi)						max. 0,00001%
	zinc (Zn)						max. 0,00005%
	suitability for polarography						passes test
	 R: 23-33 S: 7-44 disposal: 24						
10008	Mercury chem. pure	PF.	100 g	17,50	14,90	14,—	13,15
	<i>Mercuré / Mercurio</i>	PF.	1 kg	134,—	113,90	107,20	103,20
	Hg M = 200,59 g/mol	2805					
	insoluble in nitric acid						0,002%
	non-volatile matter						0,002%
	iron (Fe)						0,0003%
	other heavy metals (as Pb)						0,0001%
	 R: 23-33 S: 7-44 disposal: 24						
10002	Mercury	PF.	500 g	69,—	58,65	55,20	53,15
	<i>Mercuré / Mercurio</i>	PF.	1 kg	126,50	107,55	101,20	97,40
	Hg M = 200,59 g/mol	2805					
	 R: 23-33 S: 7-44 disposal: 24						
38624	0,100 g Mercury FIXANAL® water-soluble standard for atom	3819	1 pack	10,25	8,70	8,20	7,70
A 6.1/53	<i>absorption</i>						
C 6.1 2810 2	<i>10,00 g Mercuré / 10,00 g Mercurio</i>						
	ampoule						
	 R: 25-36/38 S: 25-44 disposal: 10						

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
8665 3/3 3.3 1992 2 -25°C	0,100 g organo-Mercury FIXANAL® petroleum ether-soluble standard for atom absorption 0,100 g <i>organo-Mercure</i> / 0,100 g <i>organo-Mercurio</i> ampoule	3819	1 pack	33,75	28,70	27,— 25,30
8571 6.1/53 6.1 1624 1	1,00 g Mercury FIXANAL® watersoluble standard for atom absorption 1,00 g <i>Mercure</i> / 1,00 g <i>Mercurio</i> ampoule	3819	1 pack	10,25	8,70	8,20 7,70
	 R: 25-36/38 S: 25-44 disposal: 10					
8915 6.1/53 6.1 2810 2	10,00 g Mercury FIXANAL® as Mercury(II) chloride 10,00 g <i>Mercure</i> / 10,00 g <i>Mercurio</i> ampoule	3819	1 pack	18,75	15,95	15,— 14,05
1003 6.1/53 6.1 1629 2	Mercury(II) acetate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Mercure(II) acétate</i> / <i>Mercurio(II) acetato</i> <chem>Hg(CH3COO)2</chem> <chem>C4H6HgO4</chem> M = 318,68 g/mol assay min. 99% insoluble in acetic acid max. 0,01% sulphated ash max. 0,02% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,002% mercury(I) (Hg^{I+}) max. 0,3% chloride (Cl) max. 0,005% nitrate (NO_3) max. 0,005% sulphate (SO_4) max. 0,005%	PF. PF. 2914	100 g 500 g	18,75 75,50	15,95 64,20	15,— 60,40 14,05 58,15
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10					
10004 6.1/53 6.1 1629 2	Mercury(II) acetate <i>Mercure(II) acétate</i> / <i>Mercurio(II) acetato</i> <chem>Hg(CH3COO)2</chem> <chem>C4H6HgO4</chem> M = 318,68 g/mol assay 98,5% residue on ignition (as sulphates) 0,1% iron (Fe) 0,001% mercury(I) (Hg^{I+}) 0,5% chloride (Cl) 0,03% sulphate (SO_4) 0,005%	PF. PF. 2914	100 g 1 kg	16,75 122,50	14,25 104,15	13,40 98,— 12,55 94,35
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10					
10005 6.1/53 6.1 2024 2	Mercury(II) amidochloride powder DAC <i>Mercure(II) amidochlorure</i> / <i>Mercurio(II) amidocloruro</i> <chem>(HgNH2)Cl</chem> M = 252,07 g/mol assay 99% residue on ignition 0,1% acidly or alkalinely reacting impurities passes test	PF. PF. 2858	100 g 500 g	19,— 78,50	16,15 66,75	15,20 62,80 14,25 60,45
	 R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10					
	Mercury ammoniated see Mercury(II) amidochloride					
31012 6.1/53 6.1 1634 2	Mercury(II) bromide R. G., Reag. ACS, Reag. Ph. Eur. I <i>Mercure(II) bromure</i> / <i>Mercurio(II) bromuro</i> <chem>HgBr2</chem> M = 360,42 g/mol assay min. 99,5% insoluble in methanol max. 0,04% sulphated ash max. 0,02% arsenic (As) max. 0,0005% chloride (Cl) max. 0,2%	PF. 2830	100 g			price on request
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10					

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
31004	Mercury(I) chloride (calomel) R. G., Reag. ACS, 6.1 2024 3 Reag. Ph. Eur. I <i>Mercuré(I) chlorure / Mercurio(I) cloruro</i> Hg ₂ Cl ₂ M = 472,09 g/mol assay min. 99,6% residue on ignition (as sulphates) max. 0,02% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,002% mercury(II) (Hg ²⁺) max. 0,01% sulphate (SO ₄) max. 0,01%  R: 22 S: 2 disposal: 24	PF. PF. PF. 2830	100 g 250 g 1 kg	24,75 48,25 163,—	21,05 41,— 138,55	19,80 38,60 130,40	18,55 36,20 125,50
10009	Mercury(I) chloride (calomel) DAB 7 C 6.1 2024 3 <i>Mercuré(I) chlorure / Mercurio(I) cloruro</i> Hg ₂ Cl ₂ M = 472,09 g/mol assay 99,5% residue on ignition (as sulphates) 0,05% other heavy metals (as Pb), soluble mercury salts 0,002% sulphate (SO ₄) 0,01%  R: 22 S: 2 disposal: 24	PF. PF. 2830	100 g 250 g	18,75 42,—	15,95 35,70	15,— 33,60	14,05 31,50
31005	Mercury(II) chloride (sublimed) R. G., Reag. ACS, A 6.1/53 Reag. Ph. Eur. I C 6.1 1624 2 <i>Mercuré(II) chlorure / Mercurio(II) cloruro</i> HgCl ₂ M = 271,50 g/mol assay min. 99% loss on drying (on P ₂ O ₅) max. 1% lead (Pb) max. 0,0005% cadmium (Cd) max. 0,0005% residue on ignition (as sulphates) max. 0,01% iron (Fe) max. 0,0005% copper (Cu) max. 0,001% nickel (Ni) max. 0,0005% other heavy metals (as Pb) max. 0,001% silver (Ag) max. 0,0005% zinc (Zn) max. 0,0005% mercury(I) chloride (Hg ₂ Cl ₂) max. 0,003% sulphate (SO ₄) max. 0,02% total nitrogen (N) max. 0,005% matter reducing KMnO ₄ (as O) max. 0,001%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. PF. 2830	100 g 500 g 2,5 kg	19,75 80,— 323,—	16,80 68,— 268,10	15,80 64,— 251,95	14,80 61,60 242,25
10012	Mercury(II) chloride (sublimed) cryst. powder Ph. Eur. I, A 6.1/53 B. P. C. 1973, Ph. Franç. IX C 6.1 1624 2 <i>Mercuré(II) chlorure / Mercurio(II) cloruro</i> HgCl ₂ M = 271,50 g/mol assay 99,5% residue on ignition (as sulphates) 0,05% iron (Fe) 0,001% other heavy metals (as Pb) 0,001% mercury(II) chloride (Hg ₂ Cl ₂) passes test sulphate (SO ₄) 0,02%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. 2830	250 g 1 kg	36,75 122,—	31,25 103,70	29,40 97,60	27,55 93,95
10015	Mercury(II) iodide red DAB 6 A 6.1/53 <i>Mercuré(II) iodure / Mercurio(II) yoduro</i> C 6.1 1638 2 HgI ₂ M = 454,40 g/mol assay 99% residue on ignition 0,02% water-soluble heavy metals (as Pb) 0,01% chloride (Cl) 0,005%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. PF. 2830	100 g 250 g 1 kg	18,75 43,— 143,—	15,95 36,55 121,55	15,— 34,40 114,40	14,05 32,25 110,10

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
1006	Mercury(I) nitrate-2-hydrate R. G. <i>Mercuré(I) nitrate-2-hydrate / Mercurio(I) nitrato-2-hidrato</i> $\text{Hg}_2(\text{NO}_3)_2 \cdot 2\text{H}_2\text{O}$ $M = 561,22 \text{ g/mol}$ assay min. 97% insoluble in nitric acid max. 0,005% residue on ignition (as sulphates) max. 0,01% iron (Fe) max. 0,0001% mercury(II) (Hg^{2+}) max. 0,5% heavy metals (as Pb) max. 0,002% chloride (Cl) max. 0,005% sulphate (SO_4) max. 0,005%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. PF. 2839	100 g 250 g 1 kg	17,— 38,50 129,—	14,45 32,75 109,65	13,60 30,80 103,20	12,75 28,90 99,35
10017	Mercury(I) nitrate-2-hydrate cryst. <i>Mercuré(I) nitrate-2-hydrate / Mercurio(I) nitrato-2-hidrato</i> $\text{Hg}_2(\text{NO}_3)_2 \cdot 2\text{H}_2\text{O}$ $M = 561,22 \text{ g/mol}$  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. 2839	100 g 1 kg	16,— 120,—	13,60 102,—	12,80 96,—	12,— 92,40
31008	Mercury(II) oxide red R. G., Reag. ACS <i>Mercuré(II) oxyde / Mercurio(II) óxido</i> HgO $M = 216,59 \text{ g/mol}$ assay min. 99% insoluble in hydrochloric acid max. 0,03% residue on ignition (as sulphates) max. 0,025% lead (Pb) max. 0,0005% cadmium (Cd) max. 0,0001% iron (Fe) max. 0,001% copper (Cu) max. 0,0005% zinc (Zn) max. 0,0005% chloride (Cl) max. 0,1% sulphate (SO_4) max. 0,005% total nitrogen (N) max. 0,005%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. PF. 2828	25 g 100 g 500 g	8,75 24,— 98,50	7,45 20,40 83,75	7,— 19,20 78,80	6,55 18,— 75,85
10022	Mercury(II) oxide red <i>Mercuré(II) oxyde / Mercurio(II) óxido</i> HgO $M = 216,59 \text{ g/mol}$ assay 99% loss on drying (105 °C) 0,5% residue on ignition (as sulphates) 0,2% chloride (Cl) 0,002%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	PF. PF. PF. 2828	100 g 500 g 1 kg	20,75 85,50 156,—	17,65 72,70 132,60	16,60 68,40 124,80	15,55 65,85 120,10
31009	Mercury(II) oxide yellow R. G., Reag. ACS, Reag. Ph. Eur. I <i>Mercuré(II) oxyde / Mercurio(II) óxido</i> HgO $M = 216,59 \text{ g/mol}$ assay min. 99% insoluble in hydrochloric acid max. 0,03% residue on ignition (as sulphates) max. 0,025% lead (Pb) max. 0,0005% cadmium (Cd) max. 0,0001% iron (Fe) max. 0,0005% copper (Cu) max. 0,0005% zinc (Zn) max. 0,025% chloride (Cl) max. 0,005% sulphate (SO_4) max. 0,005% total nitrogen (N) max. 0,005%  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10	WG. PF. 2828	25 g 100 g	9,50 26,75	8,10 22,75	7,60 21,40	7,15 20,05

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
10020	Mercury(II) oxide yellow DAB 6	PF.	100 g	22,75	19,35	18,20	17,05
A 6.1/53	Mercuré(II) oxyde / Mercurio(II) óxido	PF.	500 g	93,50	79,50	74,80	72,—
C 6.1 1641 2	HgO M= 216,59 g/mol	2828					
	assay 99%						
	loss on drying (105 °C) 0,5%						
	residue on ignition (as sulphates) 0,2%						
	chloride (Cl) 0,002%						
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10						
10021	Mercury(II) oxide yellow technical	PF.	1 kg	160,—	136,—	128,—	123,20
A 6.1/53	Mercuré(II) oxyde / Mercurio(II) óxido	2828					
C 6.1 1641 2	HgO M= 216,59 g/mol						
	assay 99%						
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10						
10018	Mercury(II) oxide cyanide containing cyanide, DAB 6	PF.	100 g	41,25	35,05	33,—	30,95
A 6.1/53	Mercuré(II) oxycyanure / Mercurio(II) oxicianuro	PF.	1 kg	290,—	246,50	232,—	223,30
C 6.1 1642 2	  R: 23/24/25-33 S: 28-35-44 disposal: 10	2843					
	Mercury potassium cyanide see Potassium tetracyanomercurate(II)						
	Mercury precipitate white see Mercury(II) amidochloride						
	Mercury rhodanide see Mercury(II) thiocyanate						
10025	Mercury(I) sulphate	PF.	100 g	35,—	29,75	28,—	26,25
A 6.1/53	Mercuré(I) sulfate / Mercurio(I) sulfato	PF.	500 g	144,—	122,40	115,20	110,90
C 6.1 1628 2	Hg ₂ SO ₄ M= 497,24 g/mol	2838					
	assay 99%						
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10						
10029	Mercury(II) sulphate Erg. B. 6	PF.	100 g	23,25	19,75	18,60	17,45
A 6.1/53	Mercuré(II) sulfate / Mercurio(II) sulfato	PF.	250 g	49,25	41,85	39,40	36,95
C 6.1 1645 2	HgSO ₄ M= 296,65 g/mol	PF.	1 kg	167,—	141,95	133,60	128,60
	assay 99%	2838					
	residue on ignition 0,1%						
	iron (Fe) 0,005%						
	chloride (Cl) 0,005%						
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10						
10031	Mercury(II) sulphide red (Vermilion) DAB 6	PF.	100 g	30,75	26,15	24,60	23,05
C 6.1 2024 2	Mercuré(II) sulfure / Mercurio(II) sulfuro	PF.	500 g	128,—	108,80	102,40	98,55
	HgS M= 232,66 g/mol	2835					
10033	Mercury(II) thiocyanate pure powder	PF.	100 g	31,75	27,—	25,40	23,80
A 6.1/53	Mercuré(II) thiocyanate / Mercurio(II) tiocianato	PF.	500 g	130,—	110,50	104,—	100,10
C 6.1 1646 2	Hg(SCN) ₂ M= 316,76 g/mol	2844					
	assay 99%						
	residue on ignition 0,3%						
	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10						

de-Number
RID/ADR
GGVE/GGVS
IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

MERGAL®

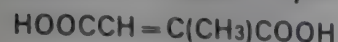
Under the registered trade mark MERGAL® we supply a range of highly effective fungicides for imparting mould and bacteria resistant properties to paints and other technical products such as glues, packing materials, textiles, plastics and paper ect. Descriptive literature, samples and quotations will be gladly forwarded on request. Moreover, technical advice regarding their use is always available to our customers.

2741 **Merrifield resin PROSYNTH®** polystyrene chloromethylated with 2% divinylbenzene
Résine de Merrifield / Resina de Merrifield

WG. 10 g 9,50 8,10 7,60 7,15
2901

2742 **Mesaconic acid PROSYNTH®**
Acide mésaconique / Acido mesacónico

WG. 10 g 23,50 20,— 18,80 17,65
2915



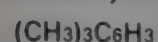
$\text{C}_5\text{H}_6\text{O}_4$ $M = 130,10$ g/mol

assay (alkalimetric) 98%
melting range 199—203 °C

Mesitaldehyde see 2,4,6-Trimethylbenzaldehyde

2743 **Mesitylene PROSYNTH®**
Mésitylène / Mesitileno

FL. 1 L 48,75 41,45 39,— 37,55
2901



C_9H_{12} $M = 120,19$ g/mol 1 L ≈ 0,86 kg

assay (GC) 99%
boiling range 163—165 °C
refractive index (n_D^{20}) 1,499



R: 10-37 disposal: 6

4996 **N-Mesitylenesulphonyl-1-imidazole PROSYNTH®**
N-Mésitylènesulfonyle-1-imidazole / N-Mesitilensulfonil-1-imidazol

WG. 5 g 25,50 21,70 20,40 19,15
2935

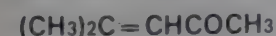


$\text{C}_{12}\text{H}_{14}\text{N}_2\text{O}_2\text{S}$ $M = 250,32$ g/mol

assay 97%
melting range 95—97 °C

2744 **Mesityl oxide PROSYNTH®** mixture of α- and β-isomers
Mésityle oxyde / Mesitilo óxido

FL. 1 L 15,75 13,40 12,60 12,15
2913



$\text{C}_6\text{H}_{10}\text{O}$ $M = 98,14$ g/mol 1 L ≈ 0,86 kg

assay (GC) 99%
assay on β-isomer (GC) 7%



R: 10-20/21/22 S: 25
disposal: 6

4672 **Mesoxalic acid monohydrate PROSYNTH®**
Acide mesoxalique monohydrate / Acido mesoxálico monohidrato

WG. 10 g 48,75 41,45 39,— 36,55
2916



$\text{C}_3\text{H}_4\text{O}_6 \cdot \text{H}_2\text{O}$ $M = 154,08$ g/mol

assay 99%
melting range 118—120 °C (disint.)

2746 **Metanilic acid PROSYNTH®**
Acide métanilique / Acido metanílico

PF. 1 kg 136,50 116,05 109,20 105,10
2922

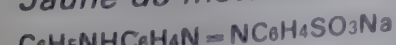


$\text{C}_6\text{H}_7\text{NO}_3\text{S}$ $M = 173,19$ g/mol

assay 97%

2607 **Metanil yellow** Reag. Ph. Eur. I (C. I. No. 13065, S. No. 169)
Jaune de métanile / Amarillo de metanilo

WG. 50 g 8,75 7,45 7,— 6,55
3205



$\text{C}_{18}\text{H}_{14}\text{N}_3\text{NaO}_3\text{S}$ $M = 375,38$ g/mol

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Metaphosphoric acid see meta-Phosphoric acid

62747 Methacrylic acid PROSYNTH® stabilized with hydroquinone
A 8/21 (200 mg/l)
C 8 2531 2 *Acide méthacrylique / Acido metacrilico*



$\text{C}_4\text{H}_8\text{O}_2$ $M = 86,09$ g/mol 1 L \approx 1,02 kg

assay (GC) 99%

boiling range 160–162 °C

refractive index (n_D^{20}) 1,431

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



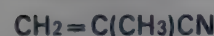
R: 34 S: 15-26

disposal: 21

FL.
2914

500 ml 18,50 15,75 14,80 14,2

64673 Methacrylonitrile PROSYNTH® stabilized with hydroquinone
A 8.1/2A monoethyl ether (0,04 g/l)
C 3.2 1992 2 *Méthacrylonitrile / Metacrilonitrilo*
-1 °C



$\text{C}_4\text{H}_5\text{N}$ $M = 67,09$ g/mol 1 L \approx 0,80 kg

assay (GC) 99%

boiling range 90–92 °C

refractive index (n_D^{20}) 1,400

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



R: 11-23/24/25 S: 9-16-18-29-45

disposal: 15

FL.
FL.
2927

500 ml 47,50 40,40 38,— 36,6
1 L 87,50 74,40 70,— 67,4

62754 Methallyl chloride PROSYNTH®
A 6.1/4A *Méthallyle chlorure / Metalilo cloruro*
C 3.1*1100 1 $\text{CH}_2 = \text{C}(\text{CH}_3)\text{CH}_2\text{Cl}$
-10 °C $\text{C}_4\text{H}_7\text{Cl}$ $M = 90,55$ g/mol 1 L \approx 0,93 kg

assay (GC) 98%

boiling range 72–74 °C

refractive index (n_D^{20}) 1,427



R: 11-20 S: 9-16-29-33

disposal: 7

FL.
2902

500 ml 30,— 25,50 24,— 23,1

60376 Methanephosphonic acid PROSYNTH®
Acide méthanephosphonique / Acido metanofosfónico



$\text{CH}_5\text{O}_3\text{P}$ $M = 96,02$ g/mol

assay 98%

H_3PO_4 2%

melting range 102–104 °C

WG.
2934

25 g 87,50 74,40 70,— 65,6

60377 Methanephosphonic acid dichloride PROSYNTH®
A 8/12 *Acide méthanephosphonique dichlorure / Acido*
C 8 1759 2 *metanofosfónico dicloruro*



$\text{CH}_3\text{Cl}_2\text{OP}$ $M = 132,91$ g/mol





assay (GC) 98%





POCl_3 (GC) 2%

melting range 30–33 °C

FL.
2934

25 g 87,50 74,40 70,— 65,6

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
52755	Methanesulphonic acid PROSYNTH® <i>Acide méthanesulfonique / Acido metanosulfónico</i> CH ₃ SO ₃ H CH ₄ O ₃ S M = 96,11 g/mol 1 L ≈ 1,48 kg assay (alkalimetric) 98% boiling range (at 13 mbar) 165–167 °C refractive index (n _D ²⁰) 1,430	FL. 2903	100 ml	27,75	23,60	22,20	20,80
54341	Methanesulphonic anhydride PROSYNTH® <i>Anhydride méthanesulfonique / Anhidrido metanosulfónico</i> (CH ₃ SO ₂) ₂ O C ₂ H ₆ O ₅ S ₂ M = 174,20 g/mol assay 98%	A. 2903	25 g	51,—	43,35	40,80	38,25
52757	Methanesulphonyl chloride PROSYNTH® <i>Méthane sulfonylechlorure / Metano sulfonilcloruro</i> CH ₃ SO ₂ Cl CH ₃ ClO ₂ S M = 114,55 g/mol 1 L ≈ 1,46 kg assay (ex Cl) 98% boiling range (at 973 mbar) 158–160 °C refractive index (n _D ²⁰) 1,452	FL. 2903	250 ml	36,75	31,25	29,40	27,55
50378	Methanethiophosphonic acid dichloride PROSYNTH® <i>Acide méthanethiophosphonique dichlorure / Acido metanotiofosfónico dicloruro</i> CH ₃ PSCl ₂ CH ₃ Cl ₂ PS M = 148,98 g/mol assay (GC) 98% PSCl ₃ (GC) 2% boiling range 150–152 °C	FL. 2931	25 g	88,—	74,80	70,40	66,—
09080	Methanol-d₄ deuteration degree not less than 99,8 atom %D <i>Méthanol-d₄ / Metanol-d₄</i> CD ₃ OD CD ₄ O M = 36,01 g/mol 1 L ≈ 0,89 kg   R: 11-23/25 S: 2-7-16-24 disposal: 5	A. FL. 2851	10 ml 50 ml	180,— 747,—	153,— 634,95	144,— 597,60	135,— 560,25
09081	Methanol-d₄ deuteration degree not less than 99,5 atom %D <i>Méthanol-d₄ / Metanol-d₄</i> CD ₃ OD CD ₄ O M = 36,01 g/mol 1 L ≈ 0,89 kg   R: 11-23/25 S: 2-7-16-24 disposal: 5	A. FL. 2851	10 ml 50 ml	76,— 317,—	64,60 269,45	60,80 253,60	57,— 237,75









Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
32213	Methanol R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	FL.	1 L	14,50	12,35	11,30	10,75
A 3/5	Méthanol / Metanol	FL.	2,5 L	28,25	23,45	22,05	21,20
C 3.2 1230 2	CH ₃ OH	STP.	45 kg	kg	5,80		
+11 °C	CH ₄ O M = 32,04 g/mol 1 L ≈ 0,79 kg	STP.	5x	kg	5,50		
	assay (GC) min. 99,8%	STP.	10x	kg	5,25		
	boiling range 64—65 °C	2904					
	density (D ₄ ²⁰) 0,790—0,792						
	refractive index (n _D ²⁰) 1,3280—1,3300						
	non-volatile matter max. 0,001%						
	water (according to Karl Fischer) max. 0,05%						
	free acid (as HCOOH) max. 0,002%						
	free alkali (as NH ₃) max. 0,00005%						
	aluminium (Al) max. 0,00005%						
	barium (Ba) max. 0,00001%						
	lead (Pb) max. 0,000002%						
	boron (B) max. 0,000002%						
	cadmium (Cd) max. 0,000005%						
	calcium (Ca) max. 0,00005%						
	chromium (Cr) max. 0,000002%						
	iron (Fe) max. 0,00001%						
	cobalt (Co) max. 0,000002%						
	copper (Cu) max. 0,000001%						
	magnesium (Mg) max. 0,00001%						
	manganese (Mn) max. 0,000002%						
	nickel (Ni) max. 0,000002%						
	zinc (Zn) max. 0,000005%						
	tin (Sn) max. 0,00001%						
	chloride (Cl) max. 0,00005%						
	sulphate (SO ₄) max. 0,0001%						
	KMnO ₄ red. matters (as O) max. 0,00025%						
	reaction to sulphuric acid passes test						
	acetone max. 0,001%						
	aldehydes (as HCHO) max. 0,0001%						
	carbonyl compounds (as CO) max. 0,005%						
	ethanol max. 0,1%						
	  R: 11-23/25 S: 2-7-16-24 disposal: 5						
34940	Methanol R. G., Reag. Ph. Eur. I dried (max. 0,01% H ₂ O)	FL.	1 L	22,—	18,70	17,60	16,95
A 3/5	Méthanol / Metanol	FL.	2,5 L	45,75	37,95	35,70	34,30
C 3.2 1230 2	CH ₃ OH	2904					
+11 °C	CH ₄ O M = 32,04 g/mol 1 L ≈ 0,79 kg						
	assay (GC) min. 99,8%						
	boiling range 64—65 °C						
	density (D ₄ ²⁰) 0,790—0,792						
	refractive index (n _D ²⁰) 1,3280—1,3300						
	non-volatile matter max. 0,001%						
	water (according to Karl Fischer) max. 0,01%						
	free acid (as HCOOH) max. 0,002%						
	free alkali (as NH ₃) max. 0,00005%						
	aluminium (Al) max. 0,00005%						
	barium (Ba) max. 0,00001%						
	lead (Pb) max. 0,000002%						
	boron (B) max. 0,000002%						
	cadmium (Cd) max. 0,000005%						
	calcium (Ca) max. 0,00005%						
	chromium (Cr) max. 0,000002%						
	iron (Fe) max. 0,00001%						
	cobalt (Co) max. 0,000002%						
	copper (Cu) max. 0,000001%						
	magnesium (Mg) max. 0,00001%						
	manganese (Mn) max. 0,000001%						
	nickel (Ni) max. 0,000002%						
	zinc (Zn) max. 0,000005%						
	tin (Sn) max. 0,00001%						
	chloride (Cl) max. 0,00005%						
	sulphate (SO ₄) max. 0,00005%						
	matters reducing KMnO ₄ (as O) max. 0,00025%						
	reaction to sulphuric acid passes test						
	acetone max. 0,001%						
	ethanol max. 0,1%						
	  R: 11-23/25 S: 2-7-16-24 disposal: 5						



de-Number
RID/ADR
GGVE/GGVS
MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

017	Methanol for scintillation <i>Méthanol / Metanol</i>	FL. 2904	1 L	18,50	15,75	14,80	14,25
3/5							
3.2 1230	CH ₃ OH						
°C	CH ₄ O M = 32,04 g/mol						
	1 L ≈ 0,79 kg						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 5						
1906	Methanol SPECTRANAL® <i>Méthanol / Metanol</i>	FL. FL. 2904	1 L 2,5 L	31,— 66,—	26,35 54,80	24,80 51,50	23,85 49,50
3/5							
3.2 1230 2	CH ₃ OH						
11 °C	CH ₄ O M = 32,04 g/mol						
	1 L ≈ 0,79 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,0005%						
	water (acc. to Karl Fischer) max. 0,03%						
	free acid (as HCOOH) max. 0,001%						
	suitability for UV spectroscopy						
	transmittance (1 cm cell/reference: water)						
	transmittance/wavelength (nm):						
	min. 20%/210, min. 55%/220, min. 75%/230, min.						
	90%/240, min. 95%/250, min. 98%/from 260						
	suitability for IR spectroscopy passes test						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 5						
1860	Methanol CHROMASOLV® for chromatography (UV-detection) <i>Méthanol / Metanol</i>	FL. 2904	1 L	16,75	14,25	13,40	12,90
3/5							
3.2 1230 2	CH ₃ OH						
11 °C	CH ₄ O M = 32,04 g/mol						
	1 L ≈ 0,79 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,03%						
	free acid (as HCOOH) max. 0,001%						
	transmittance (1 cm cell; reference water)						
	transmittance/wavelength (nm):						
	min. 20%/210, min. 50%/222,						
	min. 80%/235, min. 98%/from 260						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 5						
4485	Methanol PESTANAL® <i>Méthanol / Metanol</i>	FL. FL. 2904	1 L 2,5 L	15,50 32,50	13,20 27,—	12,40 25,35	11,95 24,40
3/5							
3.2 1230 2	CH ₃ OH						
°C	CH ₄ O M = 32,04 g/mol						
	1 L ≈ 0,79 kg						
	assay (GC) min. 99,8%						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,1%						
	suitability for residue analysis:						
	Traceable accompanying substances (GC/ECD) (column						
	0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro-						
	mosorb® 100/200) show in the retention volum zones						
	between Pentachlorobenzene, α-HCH, Aldrin and DDT a						
	peak of < 5 · 10 ⁻¹⁰ % ≙ 5 ng/l.						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 5						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
17929	Methanol MOS PURANAL® particle class 0	FL.	2,5 L	price on request			
A 3/5	Méthanol / Metanol	2904					
C 3.2 1230 2	CH ₃ OH						
+ 11 °C	CH ₄ O M = 32,04 g/mol						
	1 L ≈ 0,79 kg						
	assay (GC)						
	min. 99,9%						
	boiling range						
	64—65 °C						
	density (D ₄ ²⁰)						
	0,790—0,792						
	refractive index (n _D ²⁰)						
	1,3280—1,3300						
	non-volatile matter						
	max. 5 ppm						
	water (according to Karl Fischer)						
	max. 500 ppm						
	free acid (as HCOOH)						
	max. 20 ppm						
	free alkali (as NH ₃)						
	max. 0,5 ppm						
	aluminium (Al)						
	max. 0,05 ppm						
	antimony (Sb)						
	max. 0,01 ppm						
	arsenic (As)						
	max. 0,01 ppm						
	barium (Ba)						
	max. 0,1 ppm						
	beryllium (Be)						
	max. 0,01 ppm						
	lead (Pb)						
	max. 0,02 ppm						
	boron (B)						
	max. 0,02 ppm						
	cadmium (Cd)						
	max. 0,01 ppm						
	calcium (Ca)						
	max. 0,2 ppm						
	chromium (Cr)						
	max. 0,01 ppm						
	iron (Fe)						
	max. 0,1 ppm						
	gallium (Ga)						
	max. 0,02 ppm						
	gold (Au)						
	max. 0,02 ppm						
	indium (In)						
	max. 0,02 ppm						
	potassium (K)						
	max. 0,1 ppm						
	cobalt (Co)						
	max. 0,01 ppm						
	copper (Cu)						
	max. 0,01 ppm						
	lithium (Li)						
	max. 0,02 ppm						
	magnesium (Mg)						
	max. 0,1 ppm						
	manganese (Mn)						
	max. 0,01 ppm						
	molybdenum (Mo)						
	max. 0,01 ppm						
	sodium (Na)						
	max. 0,2 ppm						
	nickel (Ni)						
	max. 0,01 ppm						
	platinum (Pt)						
	max. 0,02 ppm						
	silver (Ag)						
	max. 0,02 ppm						
	strontium (Sr)						
	max. 0,02 ppm						
	thallium (Tl)						
	max. 0,02 ppm						
	titanium (Ti)						
	max. 0,01 ppm						
	vanadium (V)						
	max. 0,01 ppm						
	bismuth (Bi)						
	max. 0,02 ppm						
	zinc (Zn)						
	max. 0,05 ppm						
	tin (Sn)						
	max. 0,02 ppm						
	zirconium (Zr)						
	max. 0,01 ppm						
	chloride (Cl)						
	max. 0,5 ppm						
	sulphate (SO ₄)						
	max. 1 ppm						
	matters reducing KMnO ₄ (as O)						
	max. 2,5 ppm						
	aldehydes and ketones (as HCHO)						
	max. 10 ppm						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 5						

e-Number
D/ADR
GVE/GGVS
DG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

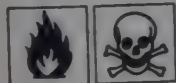
96x
(16 Boxes)

224 **Methanol PURANAL®**
Méthanol / Metanol

2 1230 2 CH₃OH
1 °C CH₄O M = 32,04 g/mol

1 L ≈ 0,79 kg

assay (GC) min. 99,9%
boiling range 64–65 °C
density (D₄²⁰) max. 0,790–0,792
refractive index (n_D²⁰) max. 1,3280–1,3300
non-volatile matter max. 5 ppm
water (according to Karl Fischer) max. 500 ppm
free acid (as HCOOH) max. 20 ppm
free alkali (as NH₃) max. 0,5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
Boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,02 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,01 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 0,5 ppm
sulphate (SO₄) max. 1 ppm
matters reducing KMnO₄ (as O) max. 2,5 ppm
aldehydes and ketone (as HCHO) max. 10 ppm



R: 11-23/25 S: 2-7-16-24
disposal: 5

229 **Methanol chem. pure, free from acetone**
Méthanol / Metanol

2 1230 2 CH₃OH
1 °C CH₄O M = 32,04 g/mol

1 L ≈ 0,79 kg

assay (GC) 99,5%
boiling range 64–65 °C
density (D₄²⁰) 0,790–0,792
refractive index (n_D²⁰) 1,3280–1,3300
non-volatile matter 0,002%
water (according to Karl Fischer) 0,1%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,0001%
sulphate (SO₄) 0,0005%
acetone 0,001%



R: 11-23/25 S: 2-7-16-24
disposal: 5

FL.
STP.
2904

2,5 L
45 kg

price on request
price on request

	1 L	2,5 L	20 kg	5x	10x	20x	160 kg
FL.	14,—	23,75	kg	3,50	3,—	2,80	2,60
FL.			kg	3,20	3,—	2,80	2,60
EKL.			kg	3,20	3,—	2,80	2,60
EKL.			kg	3,20	3,—	2,80	2,60
EKL.			kg	3,20	3,—	2,80	2,60
F.			kg	3,20	3,—	2,80	2,60

2904

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

24228 Methanol pure Erg. B. 6

A 3/5 *Méthanol / Metanol*

C 3.2 1230 2 CH₃OH

+11°C CH₄O *M* = 32,04 g/mol 1 L ≈ 0,79 kg

assay (GC) 99,5%

boiling range 64—65 °C

density (D₄²⁰) 0,790—0,792

refractive index (n_D²⁰) 1,3280—1,3300

non-volatile matter 0,005%

water (according to Karl Fischer) 0,2%



R: 11-23/25 S: 2-7-16-24

disposal: 5

FL. 1 L 13,— 11,05 10,15 9,8

FL. 2,5 L 22,75 18,90 17,75 17,0

EKL. 20 kg kg 2,80

EKL. 5x kg 2,55

EKL. 10x kg 2,40

EKL. 20x kg 2,25

F. 160 kg 2,05

2904

09004 Methanol-d₁ deuteration degree not less than 99,5 atom% D

A 3/5 *Méthanol-d₁ / Metanol-d₁*

C 3.2 1230 2 CH₃OD

+11°C CH₃DO *M* = 33,03 g/mol 1 L ≈ 0,81 kg



R: 11-23/25 S: 2-7-16-24

disposal: 5

A. 10 ml 17,— 14,45 13,60 12,7

2851

09057 Methanol-d₃ deuteration degree not less than 99 atom% D

A 3/5 *Méthanol-d₃ / Metanol-d₃*

C 3.2 1230 2 CD₃OH

+11°C CHD₃O *M* = 35,02 g/mol 1 L ≈ 0,79 kg



R: 11-23/25 S: 2-7-16-24

disposal: 5

A. 5 ml 33,25 28,25 26,60 24,9

2851

09002 Methanol-d₄ deuteration degree not less than 99 atom% D

A 3/5 *Méthanol-d₄ / Metanol-d₄*

C 3.2 1230 2 CD₃OD

+11°C CD₄O *M* = 36,01 g/mol 1 L ≈ 0,89 kg



R: 11-23/25 S: 2-7-16-24

disposal: 5

FL. 10 ml 69,— 58,65 55,20 51,7

FL. 100 ml 623,— 529,55 498,40 467,2

2851

Methanolic iodine solution see Fischer, reagent

Methenamine see Hexamethylenetetramine

35855 Methidiathion min. 99% PESTANAL® [O,O-Dimethyl-S-(2-

A 6.1/81A methoxy-1,3,4-thiadiazole-5-[4H]-onyl-[4]-- methyl]-

C 6.1 1615 2 phosphorodithioate

QOSC(OCH₃) = NNCH₂SP(OCH₃)₂S

C₆H₁₁N₂O₄PS₃ *M* = 302,33 g/mol

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



R: 26/27/28 S: 1-13-45

disposal: 7

FL. 1 g 28,25 24,— 22,60 21,2

2935

39025 D(-)-Methionine BIOSYNTH®

D(-)-Méthionine / D(-)-Metionina

CH₃SCH₂CH₂CH(NH₂)COOH

C₅H₁₁NO₂S *M* = 149,21 g/mol

assay (ex N) 99%

specific rotation ([α]_D²⁰; c = 5 in HCl 3 mol/l) —23,5° ± 1°

WG. 5 g 31,50 26,80 25,20 23,6

2931

39182 DL-Methionine BIOSYNTH®

DL-Méthionine / DL-Metionina

CH₃SCH₂CH₂CH(NH₂)COOH

C₅H₁₁NO₂S *M* = 149,21 g/mol

assay (ex N) 99%

PF. 250 g 23,— 19,55 18,40 17,2

2931

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
9023 L(+)-Methionine BIOSYNTH® <i>L(+)-Méthionine / L(+)-Metionina</i> CH ₃ SCH ₂ CH ₂ CH(NH ₂)COOH C ₅ H ₁₁ NO ₂ S M = 149,21 g/mol assay (ex N) 99% specific rotation ([α] _D ²⁰ ; c = 5 in HCl 3 mol/l) +23° ± 1°	PF. 2931	50 g	26,25	22,30	21,—	19,70
3608 L-Methionine sulphone PROSYNTH® <i>L-Méthionine sulfone / L-Metionina sulfona</i> CH ₃ SO ₂ CH ₂ CH ₂ CH(NH ₂)COOH C ₅ H ₁₁ NO ₄ S M = 181,21 g/mol spec. rotation ([α] _D ²⁰ ; c = 1 in 1N HCl) +29,7° ± 2°	WG. 2931	10 g	57,—	48,45	45,60	42,75
3745 DL-Methionine sulfoxide PROSYNTH® <i>DL-Méthionine sulfoxyde / DL-Metionina sulfóxido</i> CH ₃ SOCH ₂ CH ₂ CH(NH ₂)COOH C ₅ H ₁₁ NO ₃ S M = 165,21 g/mol assay (ex N) 99% melting range 237—239 °C	WG. 2931	5 g	29,25	24,85	23,40	21,95
3609 L-Methionine sulfoxide PROSYNTH® <i>L-Méthionine sulfoxyde / L-Metionina sulfóxido</i> CH ₃ SOCH ₂ CH ₂ CH(NH ₂)COOH C ₅ H ₁₁ NO ₃ S M = 165,21 g/mol assay (ex N) 99% melting range 245—246 °C (disint.) spec. rotation ([α] _D ²⁰ ; c = 1 in H ₂ O) +16,4° ± 1°	WG. 2931	5 g	34,50	29,35	27,60	25,90
Methon see Dimedone						
5856 Methoprotrope min. 99% PESTANAL® [2-(3'-Methoxypropylamino)-4- <i>iso</i> -propylamino-- 6-methylthio-1,3,5-triazine] N = C[NHCH(CH ₃) ₂]N = C(SCH ₃)N = CNH(CH ₂) ₃ OCH ₃ C ₁₁ H ₂₁ N ₅ OS M = 271,39 g/mol	FL. 2935	1 g	56,50	48,05	45,20	42,40
5789 Methoxuron min. 99% PESTANAL® [1,1-Dimethyl-3-(4-chloro- 4-methoxyphenyl)-urea] (CH ₃ O)C(C ₆ H ₃)NHCON(CH ₃) ₂ C ₁₀ H ₁₃ ClN ₂ O ₂ M = 228,68 g/mol	FL. 2925	1 g	28,25	24,—	22,60	21,20
4680 Methoxyacetic acid PROSYNTH® <i>Acide méthoxyacétique / Acido metoxiacético</i> CH ₃ OCH ₂ COOH C ₃ H ₆ O ₃ M = 90,08 g/mol assay (GC) 98% boiling range 201—203 °C refractive index (n _D ²⁰) 1,417	FL. 2916	25 ml	53,50	45,50	42,80	40,15
3870 2-Methoxyacetophenone PROSYNTH® <i>2-Méthoxyacétophénone / 2-Metoxiacetofenona</i> CH ₃ OC ₆ H ₄ COCH ₃ C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (GC) 99% boiling range 245—247 °C refractive index (n _D ²⁰) 1,539	FL. 2908	5 ml	19,50	16,60	15,60	14,65
3871 3-Methoxyacetophenone PROSYNTH® <i>3-Méthoxyacétophénone / 3-Metoxiacetofenona</i> CH ₃ OC ₆ H ₄ COCH ₃ C ₉ H ₁₀ O ₂ M = 150,18 g/mol assay (GC) 99% boiling range (at 32 mbar) 137—139 °C refractive index (n _D ²⁰) 1,541	FL. 2913	5 ml	22,—	18,70	17,60	16,50

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM





1x
(1 Box)



6x
(4 Boxes)



24x
(4 Boxes)

96x
(16 Boxes)

62758	4-Methoxyacetophenone PROSYNTH® <i>4-Méthoxyacétophénone / 4-Metoxiacetofenona</i> <chem>CH3OC6H4COCH3</chem> <chem>C9H10O2</chem> $M = 150,18$ g/mol assay (GC) 99% melting range 36–38 °C Methoxyacetylbenzene see Methoxyacetophenone 2-Methoxyaniline see 2-Anisidine 3-Methoxyaniline see 3-Anisidine 4-Methoxyaniline see 4-Anisidine Methoxybenzaldehyde see Anisaldehyde Methoxybenzene see Anisole	WG. 2913	250 g	30,25	25,70	24,20	22,70
62761	2-Methoxybenzoic acid PROSYNTH® <i>Acide 2-méthoxybenzoïque / Acido 2-metoxibenzóico</i> <chem>CH3OC6H4COOH</chem> <chem>C8H8O3</chem> $M = 152,15$ g/mol assay (alkalimetric) 99% melting range 99–101 °C	PF. 2916	100 g	27,25	23,15	21,80	20,45
63610	3-Methoxybenzoic acid PROSYNTH® <i>Acide 3-méthoxybenzoïque / Acido 3-metoxibenzóico</i> <chem>CH3OC6H4COOH</chem> <chem>C8H8O3</chem> $M = 152,15$ g/mol assay (alkalimetric) 99% melting range 103–105 °C	WG. 2916	100 g	81,—	68,85	64,80	60,71
60210	4-Methoxybenzoic acid PROSYNTH® (p-anisic acid) <i>Acide 4-méthoxybenzoïque / Acido 4-metoxibenzóico</i> <chem>C6H4(OCH3)(COOH)</chem> <chem>C8H8O3</chem> $M = 152,15$ g/mol assay (alkalimetric) 97% melting range 180–182 °C	PF. PF. 2916	500 g 2,5 kg	60,— 239,—	51,— 198,35	48,— 186,40	46,20 179,25
64276 A 6.1/21 A C 6.1 2811 2	4-Methoxybenzonitrile PROSYNTH® <i>Méthoxy-4-benzonitrile / 4-Metoxibenzonitrilo</i> <chem>CH3OC6H4CN</chem> <chem>C8H7NO</chem> $M = 133,15$ g/mol assay (GC) 99% melting range 58–61 °C	WG. 2927	25 g	90,50	76,95	72,40	67,90
63872 A 8/22 C 8 1729 2	3-Methoxybenzoyl chloride PROSYNTH® <i>3-Méthoxybenzoyle chlorure / 3-Metoxibenzoilo cloruro</i> <chem>CH3OC6H4COCl</chem> <chem>C8H7ClO2</chem> $M = 170,60$ g/mol $1\text{ L} \approx 1,26$ kg assay (ex Cl) 99% boiling range (at 13 mbar) 112–115 °C	FL. 2916	25 ml	56,—	47,60	44,80	42,—
60312 A 8/22 C 8 1729 2	4-Methoxybenzoyl chloride PROSYNTH® <i>4-Méthoxybenzoyle chlorure / 4-Metoxibenzoilo cloruro</i> <chem>CH3OC6H4COCl</chem> <chem>C8H7ClO2</chem> $M = 170,60$ g/mol $1\text{ L} \approx 1,26$ kg assay (ex Cl) 99% boiling range (at 16 mbar) 129–131 °C refractive index (n_D^{20}) 1,522	FL. 2916	100 ml	54,50	46,35	43,60	40,90
62764	2-Methoxybenzyl alcohol PROSYNTH® <i>Alcool 2-méthoxybenzylique / Alcohol 2-metoxibencílico</i> <chem>CH3OC6H4CH2OH</chem> <chem>C8H10O2</chem> $M = 138,17$ g/mol $1\text{ L} \approx 1,12$ kg assay (GC) 98% boiling range 246–248 °C refractive index (n_D^{20}) 1,548	FL. 2908	25 ml	57,—	48,45	45,60	42,71

Index-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM					
		1x	6x	24x	96x		
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)		
2765	3-Methoxybenzyl alcohol PROSYNTH® <i>Alcool 3-méthoxybenzylique / Alcohol 3-metoxibencílico</i> <chem>CH3OC6H4CH2OH</chem> <chem>C8H10O2</chem> $M = 138,17$ g/mol 1 L ≈ 1,11 kg assay (GC) 98% boiling range (at 16 mbar) 123–125 °C refractive index (n_D^{20}) 1,542	FL. 2908	25 ml	57,—	48,45	45,60	42,75
	4-Methoxybenzyl alcohol see Anise alcohol						
3611 3/1A 3.2 1992 2 11 °C	1-Methoxybutene(1)-in-(3) solution 50% in methanol PROSYNTH® <i>1-Méthoxybutène-(1)-in-(3) en solution / 1-Metoxibuteno-(1)-in-(3) en solución</i> <chem>HC≡CCH=CHOCH3</chem> <chem>C5H6O</chem> $M = 82,10$ g/mol 1 L ≈ 0,87 kg   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. 2908	250 ml	18,—	15,30	14,40	13,50
5743	Methoxychloro min. 99% PESTANAL® [1,1,1-Trichloro-2,2-bis-(4-methoxyphenyl)-ethane] <chem>CH3OC6H4CH(CCl3)C6H4OCH3</chem> <chem>C16H15Cl3O2</chem> $M = 345,65$ g/mol	FL. 2902	1 g	19,50	16,60	15,60	14,65
4607	trans-2-Methoxycinnamic acid PROSYNTH® <i>Acide trans-2-méthoxycinnamique / Acido trans-2-metoxicinámico</i> <chem>CH3OC6H4CH=CHCOOH</chem> <chem>C10H10O3</chem> $M = 178,19$ g/mol assay (alkalimetric) 98% melting range 183–185 °C	WG. 2916	10 g	43,75	37,20	35,—	32,80
4999	trans-3-Methoxycinnamic acid PROSYNTH® <i>Acide trans-3-méthoxycinnamique / Acido trans-3-metoxicinámico</i> <chem>CH3OC6H4CH=CHCOOH</chem> <chem>C10H10O3</chem> $M = 178,19$ g/mol assay (alkalimetric) 99% melting range 118–120 °C	WG. 2916	5 g	33,25	28,25	26,60	24,95
4998	trans-4-Methoxycinnamic acid PROSYNTH® <i>Acide trans-4-méthoxycinnamique / Acido trans-4-metoxicinámico</i> <chem>CH3OC6H4CH=CHCOOH</chem> <chem>C10H10O3</chem> $M = 178,19$ g/mol assay (alkalimetric) 99%	WG. 2916	10 g	30,75	26,15	24,60	23,05
5181 3/5 3.3 1993 2 47 °C	2-Methoxy-1,4-dioxan PROSYNTH® <i>Méthoxy-2-dioxanne-1-4 / 2-Metoxi-1,4-dioxano</i> <chem>OCH(OCH3)CH2OCH2CH2</chem> <chem>C5H10O3</chem> $M = 118,13$ g/mol 1 L ≈ 1,08 kg assay (GC) 99% boiling range 144–146 °C refractive index (n_D^{20}) 1,425 R: 10 disposal: 6	FL. 2908	100 g	165,—	140,25	132,—	123,75
	2-Methoxyethanol see Ethylene glycol monomethyl ether						
0496 3/5 3.2 1993 2 10 °C	2-Methoxyethylamine PROSYNTH® <i>2-Méthoxyéthylamine / 2-Metoxietilamina</i> <chem>CH3OCH2CH2NH2</chem> <chem>C3H9NO</chem> $M = 75,11$ g/mol 1 L ≈ 0,87 kg assay (GC) 98% boiling range 90–92 °C refractive index (n_D^{20}) 1,406   R: 11-36/37/38 S: 16-26-29 disposal: 19	FL. 2923	250 ml	19,50	16,60	15,60	14,65




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
64373	5-Methoxyindole PROSYNTH® <i>5-Méthoxyindole / 5-Metoxiindol</i> $\text{CH}_3\text{OC}_6\text{H}_3\text{NHCH}=\text{CH}$ $\text{C}_9\text{H}_9\text{NO}$ $M = 147,18 \text{ g/mol}$ assay (ex N) 99% melting range $54-56^\circ\text{C}$	WG. 2935	5 g	125,50	106,70	100,40	94,1
64682	1-Methoxynaphthalene PROSYNTH® <i>Méthoxy-1-naphtalène / 1-Metoxinaftaleno</i> $\text{CH}_3\text{OC}_{10}\text{H}_7$ $\text{C}_{11}\text{H}_{10}\text{O}$ $M = 158,20 \text{ g/mol}$ $1 \text{ L} \approx 1,10 \text{ kg}$ assay (GC) 97% boiling range (at 13 mbar) $133-135^\circ\text{C}$ refractive index (n_D^{20}) 1,621	FL. 2908	100 ml	87,50	74,40	70,—	65,6
60211	2-Methoxynaphthalene PROSYNTH® <i>2-Méthoxynaphtalène / 2-Metoxinaftaleno</i> $\text{C}_6\text{H}_4\text{CH}=\text{C}(\text{OCH}_3)\text{CH}=\text{CH}$ $\text{C}_{11}\text{H}_{10}\text{O}$ $M = 158,20 \text{ g/mol}$ assay (GC) 98% melting range $71-74^\circ\text{C}$	PF. 2908	500 g	36,—	30,60	28,80	27,70
63612	4-Methoxy-3-nitroacetophenone PROSYNTH® <i>4-Méthoxy-3-nitroacétophénone / 4-Metoxi-3-nitroacetofenona</i> $\text{CH}_3\text{OC}_6\text{H}_3(\text{NO}_2)\text{COCH}_3$ $\text{C}_9\text{H}_9\text{NO}_4$ $M = 195,17 \text{ g/mol}$ assay (ex N) 98% melting range $96-97^\circ\text{C}$	WG. 2913	10 g	30,75	26,15	24,60	23,05
64950 A 6.1/21F C 6.1 2811 2	2-Methoxy-4-nitroaniline PROSYNTH® <i>Méthoxy-2-nitro-4-aniline / 2-Metoxi-4-nitroanilina</i> $\text{CH}_3\text{OC}_6\text{H}_4(\text{NO}_2)\text{NH}_2$ $\text{C}_7\text{H}_8\text{N}_2\text{O}_3$ $M = 168,15 \text{ g/mol}$ assay (ex N) 99% melting range $138-140^\circ\text{C}$  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2923	250 g	32,50	27,65	26,—	24,40
62767 A 6.1/21F C 6.1 2811 2	4-Methoxy-2-nitroaniline PROSYNTH® <i>4-Méthoxy-2-nitroaniline / 4-Metoxi-2-nitroanilina</i> $\text{NO}_2\text{C}_6\text{H}_3(\text{NH}_2)\text{OCH}_3$ $\text{C}_7\text{H}_8\text{N}_2\text{O}_3$ $M = 168,15 \text{ g/mol}$ assay (ex N) 99% melting range $124-126^\circ\text{C}$  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	PF. 2923	100 g	18,—	15,30	14,40	13,50
Methoxy-α-oxotoluene see Anisaldehyde 2-Methoxyphenol see Guaiacol 3-Methoxyphenol see Resorcinol monomethyl ether 4-Methoxyphenol see Hydroquinone monomethyl ether 3-(o-Methoxyphenoxy)-propanediol-(1,2) see Guaiacolglycerol ether							
65000	2-Methoxyphenylacetic acid PROSYNTH® <i>Acide 2-méthoxyphénylacétique / Acido 2-metoxifenilacético</i> $\text{CH}_3\text{OC}_6\text{H}_4\text{CH}_2\text{COOH}$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M = 166,18 \text{ g/mol}$ assay (alkalimetric) 99%	WG. 2916	10 g	39,25	33,35	31,40	29,45



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		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
2769	3-Methoxyphenylacetic acid PROSYNTH® <i>Acide 3-méthoxyphénylacétique / Acido 3-metoxifenilacético</i> <chem>CH3OC6H4CH2COOH</chem> <chem>C9H10O3</chem> $M = 166,18$ g/mol assay (alkalimetric) 99% melting range 64–66 °C	WG. 2916	10 g	36,75	31,25	29,40 27,55
2770	4-Methoxyphenylacetic acid PROSYNTH® <i>Acide 4-méthoxyphénylacétique / Acido 4-metoxifenilacético</i> <chem>CH3OC6H4CH2COOH</chem> <chem>C9H10O3</chem> $M = 166,18$ g/mol assay (alkalimetric) 99% melting range 85–87 °C	WG. 2916	100 g	30,—	25,50	24,— 22,50
2768	4-Methoxy-m-phenylenediamine PROSYNTH® <i>4-Méthoxy-m-phénylènediamine / 4-Metoxi-m-fenilendiamina</i> <chem>(NH2)2C6H3OCH3</chem> <chem>C7H10N2O</chem> $M = 138,17$ g/mol assay (ex N) 95% melting range 59–62 °C	WG. 2923	100 g	14,25	12,10	11,40 10,70
5208	4-Methoxy-o-phenylenediammonium chloride PROSYNTH® <i>Méthoxy-4-phénylène-o-diammonium chlorure / 4-Metoxi-o-fenilendiamonio cloruro</i> <chem>(NH2)2C6H3OCH3 · 2HCl</chem> <chem>C7H12Cl2N2O</chem> $M = 211,09$ g/mol melting range (free base) 50–51 °C	PF. 2923	50 g	price on request		
2771 6.1/11A 6.1 1935 1 68 °C	3-Methoxypropionitrile PROSYNTH® <i>3-Méthoxypropionitrile / 3-Metoxipropionitrilo</i> <chem>CH3OCH2CH2CN</chem> <chem>C4H7NO</chem> $M = 85,11$ g/mol $1 L \approx 0,94$ kg assay (GC) 99% boiling range 164–166 °C refractive index (n_D^{20}) 1,404	FL. 2927	1 L	40,25	34,20	32,20 31,—
	 R: 23/24/25 S: 44 disposal: 15					
	4-Methoxy-1-propionylbenzene see / 4-Methoxypropiophenone					
3613	4-Methoxypropiophenone PROSYNTH® <i>4-Méthoxypropiophénone / 4-Metoxipropiofenona</i> <chem>CH3OC6H4COCH2CH3</chem> <chem>C10H12O2</chem> $M = 164,20$ g/mol $1 L \approx 1,06$ kg assay (GC) 98% melting range 23–26 °C	FL. 2913	100 g	43,75	37,20	35,— 32,80
5775 1/35 3.3 1993 2 27 °C	3-Methoxypropylamine <i>3-Méthoxypropylamine / 3-Metoxipropilamina</i> <chem>CH3O(CH2)3NH2</chem> <chem>C4H11NO</chem> $M = 89,14$ g/mol $1 L \approx 0,87$ kg assay 99% boiling range 117–119 °C density (D_4^{20}) 0,871–0,873	FL. FL. STP. 2923	1 L 2,5 L 45 kg	27,75 59,—	23,60 48,95	22,20 46,— 21,35 price on request
	 R: 36/37/38 S: 26 disposal: 19					
3614	2-Methoxypyridine PROSYNTH® <i>2-Méthoxypyridine / 2-Metoxipiridina</i> <chem>N=C(OCH3)CH=CHCH=CH</chem> <chem>C6H7NO</chem> $M = 109,13$ g/mol $1 L \approx 1,05$ kg assay (GC) 97% boiling range 140–142 refractive index (n_D^{20}) 1,503	FL. 2935	50 ml	44,25	37,60	35,40 33,20



Code-Number
A) RID/ADR
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

65182 A 3/5	2-Methoxytetrahydrofuran PROSYNTH® <i>Méthoxy-2-tétrahydrofurane / 2-Metoxitetrahydrofurano</i> <chem>OCH(OCH3)CH2CH2CH2</chem> <chem>C5H10O2</chem> $M = 102,13$ g/mol $1\text{ L} \approx 0,97$ kg assay 99% boiling range 102–104 °C refractive index (n_D^{20}) 1,410  R: 11 S: 9-16-33 disposal: 6	FL. 2935	100 ml	165,—	140,25	132,—	123,75
62772	6-Methoxy-1,2,3,4-tetrahydronaphthalinone-(1) PROSYNTH® <i>6-Méthoxy-1-2-3-4-tétrahydronaphtalénone-(1) / 6-Metoxi-1,2,3,4-tetrahidronaftalenona</i> <chem>CH3OC6H3(CH2)3CO</chem> <chem>C11H12O2</chem> $M = 176,21$ g/mol melting range 77–80 °C	WG. 2913	10 g	29,50	25,10	23,60	22,15
60387	N-Methylacetamide PROSYNTH® <i>N-Méthylacétamide / N-Metilacetamida</i> <chem>CH3CONHCH3</chem> <chem>C3H7NO</chem> $M = 73,09$ g/mol assay (GC) 98% melting range 27–30 °C	FL. 2925	500 ml	36,—	30,60	28,80	27,70
64091	N-Methylacetanilide PROSYNTH® <i>N-Méthylacétanilide / N-Metilacetanilida</i> <chem>CH3CON(CH3)C6H5</chem> <chem>C9H11NO</chem> $M = 149,19$ g/mol assay (ex N) 98% melting range 99–101 °C	WG. 2922	250 g	36,25	30,80	29,—	27,20
33215 A 3/1A C 3.2 1231 2 -13 °C	Methyl acetate R. G. <i>Méthyle acétate / Metilo acetato</i> <chem>CH3COOCH3</chem> <chem>C3H6O2</chem> $M = 74,08$ g/mol $1\text{ L} \approx 0,93$ kg assay (GC) min. 99% boiling range 55–57 °C density (D_4^{20}) 0,931–0,932 refractive index (n_D^{20}) 1,3600–1,3620 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,1% free acid (as <chem>CH3COOH</chem>) max. 0,005%  R: 11 S: 16-23-29-33 disposal: 6	FL. FL. 2914	500 ml 2,5 L	13,75 53,—	11,70 44,—	11,— 41,35	10,60 39,75
27237 A 3/1A C 3.2 1231 2 -13 °C	Methyl acetate pure <i>Méthyle acétate / Metilo acetato</i> <chem>CH3COOCH3</chem> <chem>C3H6O2</chem> $M = 74,08$ g/mol $1\text{ L} \approx 0,93$ kg assay (GC) 99% boiling range 55–57 °C density (D_4^{20}) 0,931–0,932 refractive index (n_D^{20}) 1,3600–1,3620 non-volatile matter 0,001% water (according to Karl Fischer) 0,1%  R: 11 S: 16-23-29-33 disposal: 6	FL. FL. EKL. EKL. F. 2914	1 L 2,5 L 25 kg 5x 180 kg	15,50 32,25 kg kg price on request	13,20 26,75 5,20 4,90	12,40 25,15	11,95 24,20
64206 A 3/4 + 67 °C	Methyl acetoacetate PROSYNTH® <i>Méthyle acétoacétate / Metilo acetoacetato</i> <chem>CH3COCH2COOCH3</chem> <chem>C5H8O3</chem> $M = 116,12$ g/mol $1\text{ L} \approx 1,08$ kg assay (GC) 99% boiling range 168–170 °C refractive index (n_D^{20}) 1,419	FL. 2916	1 L	34,50	29,35	27,60	26,55

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		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
2776 3/4 95 °C	4-Methylacetophenone PROSYNTH® <i>4-Méthylacétophénone / 4-Metilacetofenona</i> <chem>CH3C6H4COCH3</chem> <chem>C9H10O</chem> $M = 134,18$ g/mol 1 L ≈ 1,01 kg assay (GC) 97% boiling range 224–226 °C refractive index (n_D^{20}) 1,533	FL. 2913	250 ml	22,75	19,35	18,20 17,05
	1-Methyl-4-acetylbenzene see 4-Methylacetophenone Methylacetylcarbinol see 3-Hydroxybutanone-(2)					
2026 3/1A 3.2 1919 2 1 °C	Methyl acrylate PROSYNTH® stabilized with hydroquinone monomethyl ether (1 g/l) <i>Méthyle acrylate / Metilo acrilato</i> <chem>CH2=CHCOOCH3</chem> <chem>C4H6O2</chem> $M = 86,09$ g/mol 1 L ≈ 0,95 kg assay (GC) 99% boiling range 78–80 °C refractive index (n_D^{20}) 1,403	FL. 2914	1 L	28,—	23,80	22,40 21,55
280	Methyl-L-alaninate hydrochloride BIOSYNTH® <i>Méthyle-L-alaninate chlorhydrate / Metilo-L-alaninato clorhidrato</i> <chem>CH3CH(NH2)COOCH3</chem> <chem>C4H10ClNO2</chem> $M = 139,58$ g/mol	WG. 2923	5 g	43,75	37,20	35,— 32,80
2777	2-Methylalanine PROSYNTH® <i>2-Méthylalanine / 2-Metilalanina</i> <chem>(CH3)2C(NH2)COOH</chem> <chem>C4H9NO2</chem> $M = 103,12$ g/mol assay (ex N) 99%	PF. 2923	50 g	53,—	45,05	42,40 39,75
	Methyl alcohol see Methanol					
5729 3/5 3.1 1235 2 18 °C	Methylamine solution 40% <i>Méthylamine en solution / Metilamina en solución</i> <chem>CH3NH2</chem> <chem>CH5N</chem> $M = 31,06$ g/mol 1 L ≈ 0,90 kg	FL. EKL. 2922	1 L 25 kg	12,50 price on request	10,65	10,— 9,65
	  R: 13-36/37 S: 16-26-29 disposal: 19					
	Methyl aminoacetate hydrochloride see Methyl glycinate hydrochloride					
2778	1-Methylaminoanthraquinone PROSYNTH® <i>1 Méthylaminoanthraquinone / 1-Metilaminoantraquinona</i> <chem>CH3NHC6H3COC6H4CO</chem> <chem>C15H11NO2</chem> $M = 237,26$ g/mol assay (HPLC) 95% melting range 167–170 °C	WG. 2913	100 g	30,75	26,15	24,60 23,05
0028	Methyl 2-aminobenzoate PROSYNTH® <i>Méthyle 2-aminobenzoate / Metilo 2-aminobenzoato</i> <chem>H2NC6H4COOCH3</chem> <chem>C6H9NO2</chem> $M = 151,16$ g/mol 1 L ≈ 1,17 kg assay (GC) 98% boiling range (at 19 mbar) 131–133 °C refractive index (n_D^{20}) 1,582	FL. 2923	250 ml	32,75	27,85	26,20 24,55
3930	Methyl 4-aminobenzoate PROSYNTH® <i>Méthyle 4-aminobenzoate / Metilo 4-aminobenzoato</i> <chem>H2NC6H4COOCH3</chem> <chem>C6H9NO2</chem> $M = 151,16$ g/mol 1 L ≈ 1,17 kg assay (HPLC) 99% melting range 111–113 °C	WG. 2923	10 g	21,75	18,50	17,40 16,30

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65202	Methyl 4-aminocinnamate PROSYNTH® <i>Méthyle 4-aminocinnamate / Metilo 4-aminocinamato</i> $\text{NH}_2\text{C}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_9\text{NO}_2$ $M=163,18$ g/mol melting range 127—129 °C Methylaminocyclohexane see N-Methylcyclohexylamine 2-Methylaminoethanol see N-Methylethanolamine 2-Methylamino-1-ethenesulphonic acid see N-Methyltaurine 4-Methylaminophenol sulphate, 100% see ECOL®	WG. 2923	25 g	price on request			
65002 A 6.1/21 C 6.1 1935 1	3-Methylaminopropionitrile PROSYNTH® <i>3-Méthylaminopropionitrile / 3-Metilaminopropionitrilo</i> $\text{CH}_3\text{NHCH}_2\text{CH}_2\text{CN}$ $\text{C}_4\text{H}_8\text{N}_2$ $M=84,12$ g/mol $1 \text{ L} \approx 0,91 \text{ kg}$ assay (GC) 99% boiling range 183—185 °C refractive index (n_D^{20}) 1,432  R: 23/24/25 S: 44 disposal: 15 Methyl-(3-aminopropyl)ether see 3-Methoxypropylamine	FL. 2927	100 ml	19,75	16,80	15,80	14,80
39411	6-Methylaminopurine BIOSYNTH® <i>6-Méthylaminopurine / 6-Metilaminopurina</i> package of 250 mg $\text{C}_6\text{H}_7\text{N}_5$ $M=149,15$ g/mol	2935	1 pack	74,50	63,35	59,60	55,90
62779	Methylammonium chloride PROSYNTH® <i>Méthylammonium chlorure / Metilamonio cloruro</i> $\text{CH}_3\text{NH}_2 \cdot \text{HCl}$ CH_6ClN $M=67,52$ g/mol assay 99% melting range 229—231 °C	WG. 2922	500 g	32,75	27,85	26,20	25,20
09058	Methylammonium chloride-d_3 deuteration degree not less than 98 atom% D <i>Méthylamine chlorhydrate-d_3 / Metilamina clorhidrato-d_3</i> $\text{CD}_3\text{NH}_2 \cdot \text{HCl}$ $\text{CH}_3\text{ClD}_3\text{N}$ $M=70,49$ g/mol Methyl amyl ketone see Heptanone-(2)	A. 2851	5 g	76,—	64,60	60,80	57,—
15731 A 6.1/11B C 6.1 2294 3	N-Methylaniline <i>N-Méthylaniline / N-Metilanilina</i> $\text{C}_6\text{H}_5\text{NHCH}_3$ $\text{C}_7\text{H}_9\text{N}$ $M=107,15$ g/mol $1 \text{ L} \approx 1,00 \text{ kg}$ assay (GC) 98% boiling range 193—195 °C density (D_4^{20}) 0,985—0,988 refractive index (n_D^{20}) 1,5700—1,5720  R: 23/24/25-33 S: 28-37-44 disposal: 19 2-Methylaniline see o-Toluidine 3-Methylaniline see m-Toluidine 4-Methylaniline see p-Toluidine Methylaniline (di) see N,N-Dimethylaniline Methyl bromide see also Bromomethane	FL. FL. EKS. 2922	500 ml 1 L 30 kg	16,50 29,25 price on request	14,05 24,85	13,20 23,40	12,70 22,50

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2780 9-Methylantracene PROSYNTH® <i>9-Méthylantracène / 9-Metilantraceno</i> $C_6H_4CH=C_6H_4=CCH_3$ $C_{15}H_{12}$ $M=192,26$ g/mol assay (GC) 98% melting range 78–80 °C Methyl anthranilate see Methyl 2-aminobenzoate	WG. 2901	5 g	52,—	44,20	41,60	39,—
3924 3/4 83 °C 3-Methylbenzaldehyde PROSYNTH® stabilized with hydroquinone (1 g/l) <i>3-Méthylbenzaldéhyde / 3-Metilbenzaldehydo</i> $CH_3C_6H_4CHO$ C_8H_8O $M=120,15$ g/mol $1 L \approx 1,02$ kg assay (GC) 98% boiling range 197–199 °C refractive index (n_D^{20}) 1,541	FL. 2911	5 ml	28,75	24,45	23,—	21,55
2781 3/4 80 °C 4-Methylbenzaldehyde PROSYNTH® <i>4-Méthylbenzaldéhyde / 4-Metilbenzaldehydo</i> $CH_3C_6H_4CHO$ C_8H_8O $M=120,15$ g/mol $1 L \approx 1,02$ kg assay (GC) 99% boiling range 203–205 °C refractive index (n_D^{20}) 1,545 Methylbenzene see Toluene	FL. 2911	100 ml	17,—	14,45	13,60	12,75
3618 2-Methylbenzimidazole PROSYNTH® <i>2-Méthylbenzimidazole / 2-Metilbenzimidazol</i> $C_6H_4NHC(CH_3)=N$ $C_8H_8N_2$ $M=132,16$ g/mol assay (ex N) 98% melting range 175–177 °C	WG. 2935	25 g	34,50	29,35	27,60	25,90
7614 3/4 83 °C Methyl benzoate pure <i>Méthyle benzoate / Metilo benzoato</i> $C_6H_5COOCH_3$ $C_8H_8O_2$ $M=136,15$ g/mol $1 L \approx 1,08$ kg assay (GC) 99% boiling range 197–199 °C density (D_4^{20}) 1,084–1,088 refractive index (n_D^{20}) 1,5160–1,5180	FL. FL. EKL. EKL. 2914	1 L 2,5 L 30 kg 5x	78,— 164,— kg kg	66,30 136,10 7,10 6,60	62,40 127,90	60,05 123,—
2782 2-Methylbenzoic acid PROSYNTH® <i>Acide 2-méthylbenzoïque / Acido 2-metilbenzóico</i> $CH_3C_6H_4COOH$ $C_9H_8O_2$ $M=136,15$ g/mol assay (alkalimetric) 98% melting range 103–105 °C	PF. 2914	1 kg	35,—	29,75	28,—	26,95
2783 3-Methylbenzoic acid PROSYNTH® <i>Acide 3-méthylbenzoïque / Acido 3-metilbenzóico</i> $CH_3C_6H_4COOH$ $C_9H_8O_2$ $M=136,15$ g/mol assay (alkalimetric) 98% melting range 108–110 °C	PF. 2914	1 kg	61,50	52,30	49,20	47,35
2784 4-Methylbenzoic acid PROSYNTH® <i>Acide 4-méthylbenzoïque / Acido 4-metilbenzóico</i> $CH_3C_6H_4COOH$ $C_9H_8O_2$ $M=136,15$ g/mol assay (alkalimetric) 98% melting range 179–181 °C 4-Methylbenzoic acid chloride see 3-Methylbenzoyl chloride 3-Methylbenzoic acid nitrile see m-Tolunitrile 4-Methylbenzoic acid nitrile see p-Tolunitrile	PF. 2914	1 kg	82,50	70,15	66,—	63,55

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24x
(16 Boxes)

96x
(16 Boxes)

64686	Methyl-1,4-benzoquinone PROSYNTH® <i>Méthyl-1-4-benzoquinone / Metil-1,4-benzoquinona</i> $\text{COCH}=\text{CHCOCH}=\text{CCH}_3$ $\text{C}_7\text{H}_6\text{O}_2$ $M=122,12$ g/mol assay (GC) 97% melting range 66–68 °C  R: 23/24/25 S: 44 disposal: 6	WG. 2913	50 g	89,50	76,10	71,60	67,11
64995	2-Methylbenzoselenazole PROSYNTH® <i>2-Méthylbenzosélénazole / 2-Metilbenzoselenazol</i> $\text{C}_6\text{H}_4\text{SeC}(\text{CH}_3)=\text{N}$ $\text{C}_8\text{H}_7\text{NSe}$ $M=196,11$ g/mol assay 97% melting range 30–33 °C  R: 23/25-33 S: 20/21-28-44 disposal: 10	FL. 2935	1 g	17,—	14,45	13,60	12,75
63619	2-Methylbenzothiazole PROSYNTH® <i>Méthyl-2-benzothiazole / 2-Metilbenzotiazol</i> $\text{C}_6\text{H}_4\text{SC}(\text{CH}_3)=\text{N}$ $\text{C}_8\text{H}_7\text{NS}$ $M=149,22$ g/mol $1\text{ L} \approx 1,18$ kg assay (GC) 99% boiling range 235–237 °C refractive index (n_D^{20}) 1,617	FL. 2935	50 ml	30,75	26,15	24,60	23,05
64093	1-Methylbenzotriazole PROSYNTH® <i>Méthylbenzotriazole-1 / 1-Metilbenzotriazol</i> $\text{C}_6\text{H}_4\text{N}(\text{CH}_3)\text{N}=\text{N}$ $\text{C}_7\text{H}_7\text{N}_3$ $M=133,15$ g/mol assay (ex N) 95% melting range 63–65 °C	WG. 2935	25 g	118,—	100,30	94,40	88,50
62785	2-Methylbenzoxazole PROSYNTH® <i>2-Méthylbenzoxazole / 2-Metilbenzoxazol</i> $\text{C}_6\text{H}_4\text{OC}(\text{CH}_3)\text{N}$ $\text{C}_8\text{H}_7\text{NO}$ $M=133,15$ g/mol $1\text{ L} \approx 1,12$ kg assay (GC) 98% boiling range 201–203 °C refractive index (n_D^{20}) 1,549	FL. 2935	50 ml	36,75	31,25	29,40	27,55
63925 A 8/22 C 8 1760 2	2-Methylbenzoyl chloride PROSYNTH® <i>2-Méthylbenzoyle chlorure / 2-Metilbenzoilo cloruro</i> $\text{CH}_3\text{C}_6\text{H}_4\text{COCl}$ $\text{C}_8\text{H}_7\text{ClO}$ $M=154,60$ g/mol $1\text{ L} \approx 1,18$ kg assay (GC) 99% boiling range 211–213 °C refractive index (n_D^{20}) 1,554	FL. 2914	100 ml	61,50	52,30	49,20	46,15
63926 A 8/22 C 8 1760 2	3-Methylbenzoyl chloride PROSYNTH® <i>3-Méthylbenzoyle chlorure / 3-Metilbenzoilo cloruro</i> $\text{CH}_3\text{C}_6\text{H}_4\text{COCl}$ $\text{C}_8\text{H}_7\text{ClO}$ $M=154,60$ g/mol $1\text{ L} \approx 1,17$ kg assay (GC) 99% boiling range 218–220 °C refractive index (n_D^{20}) 1,548	FL. 2914	100 ml	62,50	53,15	50,—	46,90
62786 A 8/22 C 8 1760 2	4-Methylbenzoyl chloride PROSYNTH® <i>4-Méthylbenzoyle chlorure / 4-Metilbenzoilo cloruro</i> $\text{CH}_3\text{C}_6\text{H}_4\text{COCl}$ $\text{C}_8\text{H}_7\text{ClO}$ $M=154,60$ g/mol $1\text{ L} \approx 1,17$ kg assay (GC) 99% boiling range 225–227 °C refractive index (n_D^{20}) 1,554	FL. 2914	100 ml	28,—	23,80	22,40	21,—

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3620	2-Methylbenzyl alcohol PROSYNTH® <i>Alcool 2-méthylbenzylique / Alcohol 2-metilbencilico</i> <chem>CH3C6H4CH2OH</chem> <chem>C8H10O</chem> $M = 122,17$ g/mol assay (GC) 99% melting range 34–36 °C	WG. 2905	10 g	43,75	37,20	35,—	32,80
3874	3-Methylbenzyl alcohol PROSYNTH® <i>Alcool 3-méthylbenzylique / Alcohol 3-metilbencilico</i> <chem>CH3C6H4CH2OH</chem> <chem>C8H10O</chem> $M = 122,17$ g/mol assay (GC) 90% 1 L ≈ 0,91 kg	FL. 2905	25 ml	88,50	75,25	70,80	66,40
	4-Methylbenzyl alcohol see Anise alcohol						
2787 8/35 8 1760 2	DL-α-Methylbenzylamine PROSYNTH® <i>DL-α-Méthylbenzylamine / DL-α-Metilbencilamina</i> <chem>C6H5CH(CH3)NH2</chem> <chem>C8H11N</chem> $M = 121,18$ g/mol assay (GC) 98% boiling range 184–187 °C refractive index (n_D^{20}) 1,526 1 L ≈ 0,95 kg	FL. 2922	100 ml	42,75	36,35	34,20	32,05
3876 8/35 8 1760 2	(+)-α-Methylbenzylamine PROSYNTH® <i>(+)-α-Méthylbenzylamine / (+)-α-Metilbencilamina</i> <chem>C6H5CH(CH3)NH2</chem> <chem>C8H11N</chem> $M = 121,18$ g/mol assay (GC) 99% boiling range 185–187 °C refractive index (n_D^{20}) 1,526 spec. rotation ($[\alpha]_D^{20}$) +39° ± 1° 1 L ≈ 0,94 kg	FL. 2922	5 ml	47,—	39,95	37,60	35,25
3875 8/35 8 1760 2	(-)-α-Methylbenzylamine PROSYNTH® <i>(-)-α-Méthylbenzylamine / (-)-α-Metilbencilamina</i> <chem>C6H5CH(CH3)NH2</chem> <chem>C8H11N</chem> $M = 121,18$ g/mol assay (GC) 99% boiling range 185–187 °C refractive index (n_D^{20}) 1,526 spec. rotation ($[\alpha]_D^{20}$) -39° ± 1° 1 L ≈ 0,94 kg	FL. 2922	5 ml	45,—	38,25	36,—	33,75
	Methylbenzylamine see N-Benzylmethylamine						
2788 6.1/23A 6.1 2810 2	2-Methylbenzyl bromide PROSYNTH® <i>2-Méthylbenzyle bromure / 2-Metilbencilo bromuro</i> <chem>CH3C6H4CH2Br</chem> <chem>C8H9Br</chem> $M = 185,06$ g/mol assay (GC) 99% boiling range (at 989 mbar) 215–217 °C refractive index (n_D^{20}) 1,575 1 L ≈ 1,39 kg	FL. 2902	25 ml	69,—	58,65	55,20	51,75
3877 6.1/23A 6.1 1701 2	3-Methylbenzyl bromide PROSYNTH® <i>3-Méthylbenzyle bromure / 3-Metilbencilo bromuro</i> <chem>CH3C6H4CH2Br</chem> <chem>C8H9Br</chem> $M = 185,06$ g/mol assay (GC) 98% boiling range 211–213 °C refractive index (n_D^{20}) 1,566 1 L ≈ 1,37 kg	FL. 2902	25 ml	78,—	66,30	62,40	58,50
2789 6.1/23A 6.1 2810 2	4-Methylbenzyl bromide PROSYNTH® <i>4-Méthylbenzyle bromure / 4-Metilbencilo bromuro</i> <chem>CH3C6H4CH2Br</chem> <chem>C8H9Br</chem> $M = 185,06$ g/mol assay (GC) 98% melting range 34–36 °C 1 L ≈ 1,37 kg	FL. 2902	100 ml	118,—	100,30	94,40	88,50

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63878	2-Methylbenzyl chloride PROSYNTH®	FL.	25 ml	45,25	38,45	36,20	33,9
A 6.1/23A	<i>2-Méthylbenzyle chlorure / 2-Metilbencilo cloruro</i>	2902					
C 6.1 2810 2	CH ₃ C ₆ H ₄ CH ₂ Cl C ₈ H ₉ Cl M = 140,61 g/mol 1 L ≈ 1,08 kg assay (GC) 99% boiling range 199–202 °C refractive index (n _D ²⁰) 1,541						
63879	3-Methylbenzyl chloride PROSYNTH®	FL.	25 ml	43,25	36,75	34,60	32,4
A 6.1/23A	<i>3-Méthylbenzyle chlorure / 3-Metilbencilo cloruro</i>	2902					
C 6.1 2810 2	CH ₃ C ₆ H ₄ CH ₂ Cl C ₈ H ₉ Cl M = 140,61 g/mol 1 L ≈ 1,06 kg assay 95% boiling range 194–196 °C refractive index (n _D ²⁰) 1,534						
62790	4-Methylbenzyl chloride PROSYNTH®	FL.	100 ml	19,—	16,15	15,20	14,2
A 6.1/23A	<i>4-Méthylbenzyle chlorure / 4-Metilbencilo cloruro</i>	2902					
C 6.1 2810 2	CH ₃ C ₆ H ₄ CH ₂ Cl C ₈ H ₉ Cl M = 140,61 g/mol 1 L ≈ 1,07 kg assay (GC) 97% boiling range 200–202 °C refractive index (n _D ²⁰) 1,533						
39299	Methyl S-benzyl-L-cysteinate hydrochloride BIOSYNTH®	WG.	5 g	47,75	40,60	38,20	35,8
	<i>Méthyle S-benzyl-L-cystéinate chlorhydrate / Metilo S-bencil-L-cisteinato clorhidrato</i>	2931					
	C ₆ H ₅ CH ₂ SCH ₂ CH(NH ₂)COOCH ₃ · HCl C ₁₁ H ₁₅ ClNO ₂ S M = 261,77 g/mol						
64094	3-Methylbenzyl thiocyanate PROSYNTH®	FL.	10 g	53,50	45,50	42,80	40,1
A 6.1/21	<i>3-Méthylbenzyle thiocyanate / 3-Metilbencilo tiocianato</i>	2931					
C 6.1 2811 2	CH ₃ C ₆ H ₄ CH ₂ SCN C ₉ H ₉ NS M = 163,24 g/mol assay (GC) 97%						
	 R: 20/21/22-32 S: 2-13 disposal: 8						
09059	Methyl bromide-d₃ deuteration degree not less than 99 atom % D	A.	5 ml	94,—	79,90	75,20	70,5
A 2/11AT	<i>Méthyle bromure-d₃ / Metilo bromuro-d₃</i>	2851					
C 2 1062	CD ₃ Br M = 97,92 g/mol						
	 R: 26 S: 1/2-7/9-24/25-27-45 disposal: 13						
	Methyl bromide see also Bromomethane						
62199	Methyl bromoacetate PROSYNTH®	FL.	250 ml	51,—	43,35	40,80	38,2
A 6.1/61G	<i>Méthyle bromoacétate / Metilo bromoacetato</i>	2914					
C 6.1 2810 2	BrCH ₂ COOCH ₃ C ₃ H ₅ BrO ₂ M = 152,98 g/mol 1 L ≈ 1,66 kg assay (GC) 97% boiling range 142–145 °C refractive index (n _D ²⁰) 1,457						
	 R: 26/27/28 S: 7/9-26-45 disposal: 7						
02887	Methyl 2-bromobutyrate	FL.	1 L	price on request			
A 6.1/61G	<i>Méthyle 2-bromobutyrate / Metilo 2-bromobutirato</i>	2914					
C 6.1 2810 2	CH ₃ CH ₂ CHBrCOOCH ₃ C ₅ H ₉ BrO ₂ M = 181,03 g/mol 1 L ≈ 1,41 kg assay (GC) 99% boiling range (at 15 mbar) 57–59 °C refractive index (n _D ²⁰) 1,451						
	2-Methyl-1-bromomethylbenzene see 2-Methylbenzyl bromide						

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4-Methyl-1-bromomethylbenzene see 4-Methylbenzyl bromide							
272	Methyl DL-2-bromopropionate						
3.1/61G	Méthyle DL-2-bromopropionate / Metilo DL-2-	FL.	500 ml	94,—	79,90	75,20	72,40
3.1 2810 2	bromopropionato	STP.	40 kg	price on request			
12 °C	CH ₃ CHBrCOOCH ₃	F.	250 kg	price on request			
	C ₄ H ₇ BrO ₂ M = 167,00 g/mol	2914					
	1 L ≈ 1,50 kg						
	assay (GC) 99%						
	boiling range 143—145 °C						
	refractive index (n _D ²⁰) 1,451						
	 R: 36/37/38 S: 26						
	disposal: 7						
791	2-Methylbutadiene-(1,3) PROSYNTH® stabilized with	FL.	1 L	23,50	20,—	18,80	18,10
3/1A	4-tert.-butylpyrocatechol	2901					
3.1 1218 1	2-Méthylbutadiène-(1-3) / 2-Metilbutadieno-(1,3)						
°C	CH ₂ =CHC(CH ₃)=CH ₂						
	C ₅ H ₈ M = 68,12 g/mol						
	1 L ≈ 0,68 kg						
	assay (GC) 98%						
	boiling range 34—36 °C						
	refractive index (n _D ²⁰) 1,422						
	 R: 12 S: 9-16-29-33						
	disposal: 6						
	2-Methylbutane see iso-Pentane						
428	2-Methylbutanol-(2) PROSYNTH®	FL.	500 ml	23,75	20,20	19,—	18,30
3/1A	Méthyl-2-butanol-(1) / 2-Metilbutanol-(1)	2904					
3.2 1105 2	CH ₃ CH ₂ CH(CH ₃)CH ₂ OH						
19 °C	C ₅ H ₁₂ O M = 88,15 g/mol						
	1 L ≈ 0,82 kg						
	assay (GC) 98%						
	boiling range 126—129 °C						
	refractive index (n _D ²⁰) 1,410						
	  R: 11-20/21/22 S: 26-28						
	disposal: 6						
114	2-Methylbutanol-(2)	FL.	500 ml	14,50	12,35	11,60	11,15
3/1A	2-Méthylbutanol-(2) / 2-Metilbutanol-(2)	FL.	1 L	26,25	22,30	21,—	20,20
3.2 1105 2	(CH ₃) ₂ C(OH)CH ₂ CH ₃	2904					
9 °C	C ₅ H ₁₂ O M = 88,15 g/mol						
	1 L ≈ 0,81 kg						
	assay (GC) 99,5%						
	congealing point —10 °C						
	boiling range 101—102 °C						
	density (D ₄ ²⁰) 0,808—0,812						
	  R: 11-20 S: 9-16-24/25						
	disposal: 6						
217	3-Methylbutanol-(1) PROSYNTH®	FL.	1 L	34,50	29,35	27,60	26,55
1/3	Méthyl-3-butanol-(1) / 3-Metilbutanol-(1)	FL.	2,5 L	70,—	58,10	54,60	52,50
3.3 1105 2	(CH ₃) ₂ CHCH ₂ CH ₂ OH	2904					
13 °C	C ₅ H ₁₂ O M = 88,15 g/mol						
	1 L ≈ 0,81 kg						
	assay (GC) 98%						
	boiling range 130—132 °C						
	refractive index (n _D ²⁰) 1,407						
	 R: 10-20 S: 24/25						
	disposal: 6						

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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.






Price per
package DM






1x
(1 Box)




6x
(4 Boxes)






24x
(16 Boxes)

96x
(64 Boxes)

64689	3-Methylbutanol-(2) PROSYNTH® <i>3-Méthylbutanol-2 / 3-Metilbutanol-2</i> <chem>(CH3)2CHCH(OH)CH3</chem> C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 111–113 °C refractive index (n _D ²⁰) 1,409  R: 10-20 S: 24/25 disposal: 6 2-Methylbutanol-(2)-on-(3) see 2-Hydroxy-2-methylbutanone-(3) 2-Methylbutanone-(3) see Methyl-iso-propyl ketone	FL. 2904	100 ml	38,25	32,50	30,60	28,70
63880	2-Methylbutene-(1) PROSYNTH® <i>2-Méthylbutène-(1) / 2-Metilbuteno-(1)</i> <chem>CH2=C(CH3)CH2CH3</chem> C ₅ H ₁₀ M = 70,13 g/mol 1 L ≈ 0,66 kg assay (GC) 97% boiling range 30–32 °C refractive index (n _D ²⁰) 1,378 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 6 Methylbutenedioic acid see Mesaconic acid	FL. 2901	50 ml	46,50	39,55	37,20	34,90
63623	2-Methylbutene-(3)-ol-(2) PROSYNTH® <i>2-Méthylbutène-(3)-ol-(2) / 2-Metilbuteno-(3)-ol-(2)</i> <chem>CH2=CHC(CH3)2OH</chem> C ₅ H ₁₀ O M = 86,13 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 97–99 °C refractive index (n _D ²⁰) 1,418  R: 11 S: 9-16-33 disposal: 6 2-Methyl-2-butenic acid see Tiglic acid	FL. 2904	100 ml	23,75	20,20	19,—	17,80
62793	3-Methyl-2-butenic acid PROSYNTH® <i>Acide 3-méthyl-2-buténoïque / Acido 3-metil-2-butenóico</i> <chem>(CH3)2C=CHCOOH</chem> C ₅ H ₈ O ₂ M = 100,12 g/mol assay (alkalimetric) 90% melting range 67–69 °C	PF. 2914	100 g	26,25	22,30	21,—	19,70
62795	N-Methylbutylamine PROSYNTH® <i>N-Méthylbutylamine / N-Metilbutilamina</i> <chem>CH3NH(CH2)3CH3</chem> C ₅ H ₁₃ N M = 87,16 g/mol 1 L ≈ 0,74 kg assay (GC) 97% boiling range 89–92 °C refractive index (n _D ²⁰) 1,401   R: 11-36/37/38 S: 9-16 disposal: 19 Methylbutylcarbinol see Hexanol-(2) Methyl iso-butylcarbinol see 4-Methylpentanol-(2)	FL. 2922	100 ml	51,50	43,80	41,20	38,65

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
463 3/3 3.2 1245 2 23 °C	Methyl iso-butyl ketone for extraction analysis, Reag. ACS, Reag. Ph. Eur. I <i>Méthyl iso-butylcétone / Metil iso-butilcetona</i> <chem>CH3COCH2CH(CH3)2</chem> <chem>C6H12O</chem> $M = 100,16$ g/mol 1 L \approx 0,80 kg assay (GC) min. 99% boiling range 114–117 °C density (D_4^{20}) 0,799–0,802 refractive index (n_D^{20}) 1,3960–1,3970 non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,005% free acid (as <chem>CH3COOH</chem>) max. 0,01% aluminium (Al) max. 0,00005% barium (Ba) max. 0,00001% lead (Pb) max. 0,00001% boron (B) max. 0,000002% cadmium (Cd) max. 0,000005% calcium (Ca) max. 0,00005% chromium (Cr) max. 0,000002% iron (Fe) max. 0,00001% cobalt (Co) max. 0,000002% copper (Cu) max. 0,00001% magnesium (Mg) max. 0,00001% manganese (Mn) max. 0,000002% nickel (Ni) max. 0,00002% zinc (Zn) max. 0,00001% tin (Sn) max. 0,00001% KMnO ₄ reducing matters (as O) max. 0,0003%  R: 11 S: 9-16-23-33 disposal: 6	FL. FL. FL. 2913	250 ml 1 L 2,5 L	11,25 29,50 62,—	9,55 25,10 51,45	9,— 23,60 48,35	8,45 22,70 46,50
818 3/3 3.3 1229 2 23 °C	Methyl iso-butyl ketone min. 99,9% for gas chromatography <i>Méthyl iso-butylcétone / Metil iso-butilcetona</i> <chem>CH3COCH2CH(CH3)2</chem> <chem>C6H12O</chem> $M = 100,16$ g/mol 1 L \approx 0,80 kg  R: 11 S: 9-16-23-33 disposal: 6	FL. 2913	5 ml	49,25	41,85	39,40	36,95
222 3/3 3.2 1245 2 23 °C	Methyl iso-butyl ketone PROSYNTH® <i>Méthyl iso-butylcétone / Metil iso-butilcetona</i> <chem>CH3COCH2CH(CH3)2</chem> <chem>C6H12O</chem> $M = 100,16$ g/mol 1 L \approx 0,80 kg assay (GC) 99% boiling range 115–117 °C refractive index (n_D^{20}) 1,396  R: 11 S: 9-16-23-33 disposal: 6	FL. FL. 2913	1 L 2,5 L	16,— 30,75	13,60 25,50	12,80 24,—	12,30 23,05
Methyl n-butyl ketone see Hexanone-(2)							
794 3/5 3.2 1987 2 21 °C	2-Methyl-3-butyn-2-ol PROSYNTH® <i>2-Méthyl-3-butyn-2-ol / 2-Metil-3-butin-2-ol</i> <chem>HC\equiv CC(CH3)2OH</chem> <chem>C5H8O</chem> $M = 84,12$ g/mol 1 L \approx 0,86 kg assay (GC) 99% boiling range 102–105 °C refractive index (n_D^{20}) 1,420  R: 11 S: 7-16 disposal: 6	FL. 2904	100 ml	14,—	11,90	11,20	10,50
443 3/1A 3.2 1993 2 14 °C	2-Methylbutyraldehyde PROSYNTH® <i>Aldéhyde 2-méthylbutyrique / Aldehido 2-metilbutírico</i> <chem>CH3CH2CH(CH3)CHO</chem> <chem>C5H10O</chem> $M = 86,13$ g/mol 1 L \approx 0,80 kg assay (GC) 98% boiling range 91–93 °C refractive index (n_D^{20}) 1,387  R: 11 S: 9-29-33 disposal: 14	FL. 2911	500 ml	84,50	71,85	67,60	65,05





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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
30802	Methyl butyrate min. 99,9% for gas chromatography A 3/1A <i>Méthyle butyrate / Metilo butirato</i> C 3.2 1237 2 <chem>CH3CH2CH2COOCH3</chem> +14 °C <chem>C5H10O2</chem> $M = 102,13$ g/mol 1 L \approx 0,90 kg  R: 11 S: 9-16-33 disposal: 6	FL. 2914	5 ml	49,25	41,85	39,40	36,91
64368	Methyl iso-butyrate PROSYNTH® A 3/1A <i>Méthyle iso-butyrate / Metilo iso-butirato</i> C 3.2 1237 2 <chem>(CH3)2CHCOOCH3</chem> +12 °C <chem>C5H10O2</chem> $M = 102,13$ g/mol 1 L \approx 0,89 kg assay (GC) 99% boiling range 91—93 °C refractive index (n_D^{20}) 1,384  R: 11 S: 9-16-33 disposal: 6	FL. 2914	250 ml	38,25	32,50	30,60	28,70
64691	DL-2-Methylbutyric acid PROSYNTH® A 3/4 <i>Acide DL-méthyl-2-butyrique / Acido DL-2-metilbutirico</i> +83 °C <chem>CH3CH2CH(CH3)COOH</chem> <chem>C5H10O2</chem> $M = 102,13$ g/mol 1 L \approx 0,94 kg assay (GC) 99% boiling range 176—178 °C refractive index (n_D^{20}) 1,406	FL. 2914	100 ml	27,—	22,95	21,60	20,25
30807	Methyl caprate min. 99,9% for gas chromatography A 3/4 <i>Méthyle caprate / Metilo caprato</i> +90 °C <chem>CH3(CH2)8COOCH3</chem> <chem>C11H22O2</chem> $M = 186,29$ g/mol 1 L \approx 0,87 kg	FL. 2914	5 ml	49,25	41,85	39,40	36,95
30805	Methyl caprylate min. 99,9% for gas chromatography A 3/4 <i>Méthyle caprylate / Metilo caprilato</i> +69 °C <chem>CH3(CH2)6COOCH3</chem> <chem>C9H18O2</chem> $M = 158,24$ g/mol 1 L \approx 0,88 kg	FL. 2914	5 ml	49,25	41,85	39,40	36,95
63624	Methyl caprylate PROSYNTH® A 3/4 <i>Méthyle caprylate / Metilo caprilato</i> C ./. FLP69 <chem>CH3(CH2)6COOCH3</chem> +69 °C <chem>C9H18O2</chem> $M = 158,24$ g/mol assay (GC) 99% boiling range 192—193 °C refractive index (n_D^{20}) 1,417	FL. 2914	100 ml	25,25	21,45	20,20	18,95
62269	Methyl carbamate PROSYNTH® <i>Méthyle carbamate / Metilo carbamato</i> <chem>NH2COOCH3</chem> <chem>C2H5NO2</chem> $M = 75,07$ g/mol assay (GC) 99% melting range 54—56 °C Methylcarbitol see Diethylene glycol monomethyl ether Methylcatechol see Methylpyrocatechol Methyl cellosolve see Ethylene glycol monomethyl ether	WG. 2925	250 g	19,25	16,35	15,40	14,45
62311	Methyl chloroacetate PROSYNTH® A 6.1/61G <i>Méthyle chloroacétate / Metilo cloroacetato</i> C 3.3 2295 2 <chem>ClCH2COOCH3</chem> +32 °C <chem>C3H5ClO2</chem> $M = 108,52$ g/mol 1 L \approx 1,23 kg assay (GC) 99% boiling range 128—130 °C refractive index (n_D^{20}) 1,422  R: 23/24/25 S: 7/9-44 disposal: 7	FL. 2914	1 L	26,75	22,75	21,40	20,60







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1388 6.1/61E 6.1 2810 2 32 °C	Methyl 2-chloroacetoacetate PROSYNTH® <i>Méthyle chloro-2-acétoacétate / Metilo 2-cloroacetoacetato</i> <chem>CH3COCHClCOOCH3</chem> <chem>C5H7ClO3</chem> $M = 150,56$ g/mol 1 L \approx 1,25 kg assay (GC) 95% boiling range (at 15 mbar) 58–60 °C refractive index (n_D^{20}) 1,446  R: 36/37/38 S: 26 disposal: 7	FL. FL. 2916	250 ml 1 L	29,— 96,50	24,65 82,05	23,20 77,20	21,75 74,30
1401 3/4 70 °C	Methyl 4-chlorobutyrate PROSYNTH® <i>Méthyle 4-chlorobutyrate / Metilo 4-clorobutirato</i> <chem>Cl(CH2)3COOCH3</chem> <chem>C5H9ClO2</chem> $M = 136,58$ g/mol 1 L \approx 1,12 kg assay (GC) 97% boiling range 174–176 °C refractive index (n_D^{20}) 1,433	FL. 2914	100 ml	24,—	20,40	19,20	18,—
1385 6.1/4B 3.2 1238 1 10 °C	Methyl chloroformate PROSYNTH® <i>Méthyle chloroformiate / Metilo cloroformiato</i> <chem>ClCOOCH3</chem> <chem>C2H3ClO2</chem> $M = 94,50$ g/mol 1 L \approx 1,22 kg assay (GC) 97% boiling range 69–72 °C refractive index (n_D^{20}) 1,387   R: 11-23-36/37/38 S: 9-16-33-44 disposal: 7	FL. 2914	250 ml	13,25	11,25	10,60	9,95
	4-Methyl-1-chloromethylbenzene see 4-Methylbenzyl bromide						
1430 6.1/61E 3.3 1993 2 32 °C	Methyl 2-chloropropionate PROSYNTH® <i>Méthyle 2-chloropropionate / Metilo 2-cloropropionato</i> <chem>CH3CHClCOOCH3</chem> <chem>C4H7ClO2</chem> $M = 122,55$ g/mol 1 L \approx 1,14 kg assay (GC) 94% boiling range 129–132 °C refractive index (n_D^{20}) 1,417  R: 20/21/22 S: 28 disposal: 7	FL. 2914	500 ml	29,—	24,65	23,20	22,35
1762	Methyl cinnamate PROSYNTH® <i>Méthyle cinnamate / Metilo cinamato</i> <chem>C6H5CH=CHCOOCH3</chem> <chem>C10H10O2</chem> $M = 162,19$ g/mol assay (GC) 99% melting range 34–36 °C	FL. 2914	100 ml	15,50	13,20	12,40	11,65
1096 3 1/21 3 1609 3	6-Methylcoumarin PROSYNTH® <i>6-Méthylcoumarine / 6-Metilcumarina</i> <chem>CH3C6H3OCOCH=CH</chem> <chem>C10H8O2</chem> $M = 160,17$ g/mol assay 99% melting range 74–76 °C  R: 23/24/25 S: 1-13-45 disposal: 10	WG. 2935	25 g	23,75	20,20	19,—	17,80

Code-Number
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Type of package
B.T.N.

Price per 1x 6x 24x 96x
package DM (1 Box) (4 Boxes) (16 Boxes)

62368	Methyl crotonate PROSYNTH®	FL.	100 ml	23,25	19,75	18,60	17,4
A 3/1A	<i>Méthyle crotonate / Metilo crotonato</i>	2914					
C 3.2 1993 2	<chem>CH3CH=CHCOOCH3</chem>						
-1°C	<chem>C5H8O2</chem> $M = 100,12$ g/mol						
	1 L ≈ 0,95 kg						
	assay (GC) 99%						
	boiling range 120—122 °C						
	refractive index (n_D^{20}) 1,424						
	 R: 11 S: 9-16-33 disposal: 6						
	Methyl cyanide see Acetonitrile						
62375	Methyl cyanoacetate PROSYNTH®	FL.	250 ml	21,75	18,50	17,40	16,3
A 6.1/21A	<i>Méthyle cyanacétate / Metilo cianacetato</i>	2927					
C 6.1 2810 3	<chem>NCCH2COOCH3</chem>						
	<chem>C4H5NO2</chem> $M = 99,09$ g/mol						
	1 L ≈ 1,13 kg						
	assay (GC) 99%						
	boiling range 200—202 °C						
	refractive index (n_D^{20}) 1,418						
30841	Methylcyclohexane min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36,9
A 3/1A	<i>Méthylcyclohexane / Metilciclohexano</i>	2901					
C 3.2 2296 2	<chem>CH2(CH2)4CHCH3</chem>						
-4°C	<chem>C7H14</chem> $M = 98,19$ g/mol						
	1 L ≈ 0,77 kg						
	 R: 11 S: 9-16-33 disposal: 6						
62796	Methylcyclohexane PROSYNTH®	FL.	1 L	21,50	18,30	17,20	16,5
A 3/1A	<i>Méthylcyclohexane / Metilciclohexano</i>	2901					
C 3.2 1240 2	<chem>CH2(CH2)4CHCH3</chem>						
-4°C	<chem>C7H14</chem> $M = 98,19$ g/mol						
	1 L ≈ 0,77 kg						
	assay (GC) 99%						
	boiling range 100—102 °C						
	refractive index (n_D^{20}) 1,423						
	 R: 11 S: 9-16-33 disposal: 6						
09060	Methylcyclohexane-d₁₄ deuteration degree not less than 99	A.	5 ml	75,50	64,20	60,40	56,6
A 3/1A	atom % D	2851					
C 3.2 2296 2	<i>Méthylcyclohexane-d₁₄ / Metilciclohexano-d₁₄</i>						
-4°C	<chem>CD2(CD2)4CD3</chem>						
	<chem>C7D14</chem> $M = 112,08$ g/mol						
	1 L ≈ 0,78 kg						
	 R: 11 S: 9-16-33 disposal: 6						
64692	2-Methyl-1,3-cyclohexanedione PROSYNTH®	PF.	25 g	109,—	92,65	87,20	81,7
	<i>Méthyl-2-cyclohexanedione-1-3 / 2-Metil-1,3-ciclohexanodiona</i>	2913					
	<chem>CH3CHCOCH2CH2CH2CO</chem>						
	<chem>C7H10O2</chem> $M = 126,15$ g/mol						
	assay 97%						
	melting range 207—209 °C						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						

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593 /4 4°C	2-Methylcyclohexanol mixture of <i>cis</i> - and <i>trans</i> isomers PROSYNTH® <i>Méthyl-2-cyclohexanol</i> / <i>2-Metilciclohexanol</i> <chem>CH3CH(CH2)4CHOH</chem> $C_7H_{14}O$ $M = 114,19$ g/mol assay (GC) 97% boiling range 163–165 °C refractive index (n_D^{20}) 1,463  R: 20 S: 24/25 disposal: 6	FL. 2905	250 ml	30,25	25,70	24,20	22,70
798 /4 3°C	3-Methylcyclohexanol PROSYNTH® <i>3-Méthylcyclohexanol</i> / <i>3-Metilciclohexanol</i> <chem>CH2CH(CH3)(CH2)3CHOH</chem> $C_7H_{14}O$ $M = 114,19$ g/mol assay (GC) 98% boiling range 170–172 °C refractive index (n_D^{20}) 1,457  R: 20 S: 24/25 disposal: 6	FL. 2905	100 ml	22,—	18,70	17,60	16,50
799 /3 3 1987 2 9°C	4-Methylcyclohexanol PROSYNTH® mixture of <i>cis</i> and <i>trans</i> isomers <i>4-Méthylcyclohexanol</i> / <i>4-Metilciclohexanol</i> <chem>CH2CH2CH(CH3)CH2CH2CHOH</chem> $C_7H_{14}O$ $M = 114,19$ g/mol assay (GC) 99% boiling range 171–173 °C refractive index (n_D^{20}) 1,457  R: 20 S: 24/25 disposal: 6	FL. 2905	100 ml	23,75	20,20	19,—	17,80
001 /3 3 2297 3 8°C	3-Methylcyclohexanone PROSYNTH® <i>3-Méthylcyclohexanone</i> / <i>3-Metilciclohexanona</i> <chem>CH3CH(CH2)3COCH2</chem> $C_7H_{12}O$ $M = 112,17$ g/mol assay (GC) 98% boiling range 167–170 °C refractive index (n_D^{20}) 1,445  R: 10-20 S: 25 disposal: 6	FL. 2913	25 ml	23,50	20,—	18,80	17,65
697 /3 3 2297 3 8°C	4-Methylcyclohexanone PROSYNTH® <i>Méthyl-4-cyclohexanone</i> / <i>4-Metilciclohexanona</i> <chem>CH2CH2CH(CH3)CH2CH2CO</chem> $C_7H_{12}O$ $M = 112,17$ g/mol assay (GC) 98% boiling range 169–171 °C refractive index (n_D^{20}) 1,445  R: 10-20 S: 25 disposal: 6	FL. 2913	100 ml	80,—	68,—	64,—	60,—
218 /3 3 1993 2 3°C	N-Methylcyclohexylamine PROSYNTH® <i>N-Méthylcyclohexylamine</i> / <i>N-Metilciclohexilamina</i> <chem>CH2(CH2)4CHNHCH3</chem> $C_7H_{15}N$ $M = 113,20$ g/mol assay (GC) 99% boiling range 147–151 °C refractive index (n_D^{20}) 1,456  R: 10-36/37/38 S: 28 disposal: 19	FL. 2922	1 L	47,50	40,40	38,—	36,60

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Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(192 Boxes)

63625 **Methylcyclopentadiene dimer PROSYNTH[®]** stabilized with
A 3/3 4-*tert*-butylpyrocatechol (0,19 g/l)
C 3.3 1993 2 *Méthylcyclopentadiène dimère / Metilciclopentadieno*
+53 °C *dimero*

$C_{12}H_{18}$ $M = 160,26$ g/mol 1 L \approx 0,94 kg
assay (GC) 95%
boiling range (at 15 mbar) 70–80 °C
refractive index (n_D^{20}) 1,498
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

R: 10 disposal: 6

FL.
2901

500 ml 47,— 39,95 37,60 36,20

30842 **Methylcyclopentane min. 99,9% for gas chromatography**
A 3/1A *Méthylcyclopentane / Metilciclopentano*
C 3.1 2298 2 $CH_2(CH_2)_3CHCH_3$
-29 °C C_6H_{12} $M = 84,16$ g/mol 1 L \approx 0,75 kg



R: 11 S: 9-16-33
disposal: 6

FL.
2901

5 ml 49,25 41,85 39,40 36,95

62800 **Methylcyclopentane PROSYNTH[®]**
A 3/1A *Méthylcyclopentane / Metilciclopentano*
C 3.1 1241 2 $CH_2(CH_2)_3CHCH_3$
-29 °C C_6H_{12} $M = 84,16$ g/mol 1 L \approx 0,75 kg



R: 11 S: 9-16-33
disposal: 6

FL.
2901

250 ml 32,25 27,40 25,80 24,20

60433 **2-Methylcyclopentanedione-(1,3) PROSYNTH[®]**
2-Méthylcyclopentanedione-(1-3) /
2-Metilciclopentanodiona-(1,3)

$CH_2CH_2COCH(CH_3)CO$
 $C_6H_8O_2$ $M = 112,13$ g/mol
assay (alkalimetric) 99%
melting range 213–215 °C

WG.
2913

50 g 189,— 160,65 151,20 141,75

39412 **5-Methylcytosine BIOSYNTH[®]**
5-Méthylcytosine / 5-Metilcitosina

Package with 250 mg

$N = C(OH)N = C(NH_2)C(CH_3) = CH$
 $C_5H_7N_3O$ $M = 125,13$ g/mol

Methyldecyl ketone see Dodecanone-(2)

64511 **Methyl dichloroacetate PROSYNTH[®]**
A 6.1/61E *Méthyle dichloroacétate / Metilo dicloroacetato*
C 6.1 2810 3 $Cl_2CHCOOCH_3$
+64 °C $C_3H_4Cl_2O_2$ $M = 142,97$ g/mol 1 L \approx 1,38 kg

assay (GC) 99%
boiling range 141–144 °C
refractive index (n_D^{20}) 1,442

FL.
2914

500 ml 39,25 33,35 31,40 30,20

64962 **Methyl 2,3-dichloropropionate PROSYNTH[®]**
A 3/4 *Méthyle 2-3-dichloropropionate / Metilo 2,3-*
C 3.3 1993 2 *dicloropropionato*





$ClCH_2CHClCOOCH_3$
 $C_4H_6Cl_2O_2$ $M = 157,00$ g/mol L \approx 1,31 kg
assay (GC) 97%
boiling range (at 67 mbar) 90–92 °C
refractive index (n_D^{20}) 1,450



R: 10-20/21/22 disposal: 7

FL.
2914

5 g 26,— 22,10 20,80 19,50

Number ADR VE/GGVS GG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
08 3A 1242 1 C	Methyldichlorosilane PROSYNTH® <i>Méthyldichlorosilane / Metildiclorosilano</i> <chem>CH3SiHCl2</chem> <chem>CH4Cl2Si</chem> $M = 115,03$ g/mol $1\text{ L} \approx 1,11$ kg assay (GC) 99% boiling range $40-44^\circ\text{C}$ refractive index (n_D^{20}) 1,398   R: 11-36/37/38 S: 16-26-29 disposal: 7	FL. 2934	100 ml	17,75	15,10	14,20	13,30
769	N-Methyldiethanolamine <i>N-Méthylédiethanolamine / N-Metildietanolamina</i> <chem>CH3N(CH2CH2OH)2</chem> <chem>C5H13NO2</chem> $M = 119,16$ g/mol $1\text{ L} \approx 1,04$ kg assay (GC) 98,5% density (D_4^{20}) 1,038—1,041 refractive index (n_D^{20}) 1,4688—1,4694  R: 36/37/38 S: 26 disposal: 19	FL. EKL. 2923	1 L 30 kg	29,50 price on request	25,10	23,60	22,70
	1-Methyl-3,4-dimercaptobenzene see Dithiol Methyl dodecanate see Methyl laurate						
304 4 3 1993 2 3 °C	Methyl enanthate min. 99,9% for gas chromatography <i>Méthyle énanthate / Metilo enantato</i> <chem>CH3(CH2)5COOCH3</chem> <chem>C8H16O2</chem> $M = 144,21$ g/mol $1\text{ L} \approx 0,88$ kg	FL. 2914	5 ml	49,25	41,85	39,40	36,95
	Methylenblue phenique see Carbol-methylene blue solution 3,4-Methylendioxybenzaldehyde bisulphite see Heliotropin bisulphite						
626 11/21 11 2811 2	N-Methyleneaminoacetonitrile PROSYNTH® <i>N-Méthylèneaminoacétonitrile / N-Metilenaminoacetonitrilo</i> <chem>CH2=NCH2CN</chem> <chem>C3H4N2</chem> $M = 68,08$ g/mol melting range $128-130^\circ\text{C}$	WG. 2927	100 g	49,50	42,10	39,60	37,15
301	3,3'-Methylenebis(4-hydroxycoumarin) PROSYNTH® <i>3-3'-Méthylènebis(4-hydroxycoumarine) / 3,3'-Metilenbis(4-hidroxicumarina)</i> <chem>COOC6H4C(OH)=CCH2C=C(OH)C6H4OCO</chem> <chem>C19H12O6</chem> $M = 336,30$ g/mol assay (alkalimetric) 98% melting range $288-291^\circ\text{C}$  R: 23/24/25 S: 2-13-44 disposal: 10	WG. 2935	25 g	44,50	37,85	35,60	33,40
700	4,4'-Methylenebis(3-hydroxy-2-naphthalenecarboxylic acid) PROSYNTH® <i>Acide méthylène-4-4'-bis(hydroxy-3-naphtalénecarboxylique-2) / Acide 4,4'-metilenbis(3-hidroxi-2-naftalenocarboxílico)</i> <chem>HOCC10H5(OH)CH2C10H5(OH)COOH</chem> <chem>C23H16O6</chem> $M = 388,38$ g/mol assay (alkalimetric) 98% melting range $295-300^\circ\text{C}$ (disint.)	WG. 2916	250 g	65,50	55,70	52,40	49,15

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

62802 2,2'-Methylenebis(3,4,6-trichlorophenol) PROSYNTH®
A 8.1/22 **2,2'-Méthylènebis(3-4-6-trichlorophénol) / 2,2'-**
C 8.1 2811 2 **Metilenbis(3,4,6,-trichlorofenol)**

HOC6HCl3CH2C6H(OH)Cl3

C13H6Cl6O2 $M = 406,91 \text{ g/mol}$

assay (alkalimetric) 99%

melting range 160–163 °C



R: 24/25 S: 20-37-44

disposal: 7

WG.
2907

100 g 19,75 16,80 15,80 14,8

32723 Methylene blue redox indicator, Reag. Ph. Eur. I
(C. I. No. 52015,
S. No. 1038) E_0 at pH 7 + 0,01 volt, rH 13,5–15,5
Bleu de méthylène / Azul de metileno

C16H18ClN3S · xH2O $M = (\text{anhydrous}) 319,86 \text{ g/mol}$

assay (ex dried substance) min. 95%

insoluble in ethanol max. 1%

loss on drying (105 °C) 18–22%

sulphated ash max. 1%

WG.
WG.
3205

25 g 8,75 7,45 7,— 6,5
100 g 17,50 14,90 14,— 13,1

32945 Methylene blue concentrated watery according to Ehrlich
(Ehrlich's reagent III) for microscopy
Bleu de méthylène / Azul de metileno

1 L \approx 1,00 kg

PF.
3819

250 ml 14,25 12,10 11,40 10,7

32722 Methylene blue B extra (C. I. No. 52015, S. No. 1038) for
microscopy
Bleu de méthylène / Azul de metileno

WG.
WG.
3205

25 g 9,— 7,65 7,20 6,7
100 g 18,50 15,75 14,80 13,9

28515 Methylene blue BB extra, highly concentrated
Bleu de méthylène / Azul de metileno

WG.
WG.
BL.
3205

100 g 14,— 11,90 11,20 10,5
1 kg 105,— 89,25 84,— 80,8
5 kg 445,— 369,35 347,10 333,7

28514 ○ Methylene blue DAB 8
Bleu de méthylène / Azul de metileno

C16H18ClN3S · xH2O $M = (\text{anhydrous}) 319,86 \text{ g/mol}$

assay (ex dried substance) 96%

insoluble in ethanol 0,5%

loss on drying (105 °C) 20%

sulphated ash 0,5%

WG.
WG.
BL.
3205

100 g 13,75 11,70 11,— 10,3
1 kg 103,50 88,— 82,80 79,7
5 kg 439,— 364,35 342,40 329,2

32934 Methylene blue solution according to Löffler for microscopy
C 3.3 1142 2 **Bleu de méthylène en solution / Azul de metileno en**
+30 °C **solución**

1 L \approx 0,97 kg

PF.
PF.
PF.
3819

250 ml 11,75 10,— 9,40 8,8
1 L 19,— 16,15 15,20 14,6
2,5 L 40,25 33,40 31,40 30,2

32935 Methylene blue solution polychrome according to Unna
(10 g/l)
Bleu de méthylène en solution / Azul de metileno en
solución

1 L \approx 0,99 kg

FL.
3819

250 ml 14,25 12,10 11,40 10,7

Methylene bromide see Dibromomethane

Methylene chloride see Dichloromethane

62803 N,N'-Methylenediacrylamide PROSYNTH®
N-N'-Méthylènediacrylamide / N,N'-Metilendiacrilamida

CH2=CHCONHCH2NHCOCH=CH2

C7H10N2O2 $M = 154,17 \text{ g/mol}$

assay (ex N) 98%

PF.
2925

100 g 16,75 14,25 13,40 12,5

63627 Methylenediamine dihydrochloride PROSYNTH®
Méthylènediamine dichlorhydrate / Metilendiamina
diclorhidrato



CH2(NH2)2 · 2HCl

CH6Cl2N2 $M = 118,99 \text{ g/mol}$

assay (ex Cl) 95%

WG.
2922

10 g 41,— 34,85 32,80 30,7

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
4,4'-Methylenedianiline see 4,4'-Diaminodiphenylmethane						
98 N,N'-Methylenediformamide PROSYNTH® N-N'-Méthylènediformamide / N,N'-Metilendiformamida C ₃ H ₆ N ₂ O ₂ M = 102,09 g/mol	WG. 2925	5 g	27,75	23,60	22,20	20,80
Methylenedioxy benzaldehyde see Heliotropin						
701 3,4-Methylenedioxyphenol PROSYNTH® 3-4-Méthylènedioxyphénol / 3,4-Metilendioxifenol OCH ₂ OC ₆ H ₃ OH C ₇ H ₆ O ₃ M = 138,12 g/mol assay (GC) 99% melting range 62–65 °C	WG. 2908	25 g	64,—	54,40	51,20	48,—
629 Methylene dithiocyanate PROSYNTH® Méthylène dithiocyanate / Metileno ditiocianato CH ₂ (SCN) ₂ C ₃ H ₂ N ₂ S ₂ M = 130,19 g/mol assay (ex N) 98% melting range 103–105 °C	WG. 2931	10 g	35,—	29,75	28,—	26,25
 R: 20/21/22-32 S: 2-13 disposal: 8						
783 Methylene green for microscopy Vert de méthylène / Verde de metileno C ₁₆ H ₁₇ ClN ₄ O ₂ S M = 364,85 g/mol	WG. 3205	50 g	58,—	49,30	46,40	43,50
Methylene iodide see Diiodomethane						
630 4,5-Methylenephenanthrene PROSYNTH® 4-5-Méthylènéphénanthrène / 4,5-Metilenfenantreno C ₁₅ H ₁₀ M = 190,24 g/mol assay 95% melting range 110–113 °C	FL. 2901	1 g	84,—	71,40	67,20	63,—
770 N-Methylethanolamine N-Méthyléthanolamine / N-Metiletanolamina CH ₃ NHCH ₂ CH ₂ OH C ₃ H ₉ NO M = 75,11 g/mol assay 99,5% boiling range 158,5–160,0 °C density (D ₄ ²⁰) 0,939–0,942 refractive index (n _D ²⁰) 1,4390–1,4392	FL. 2923	1 L	24,—	20,40	19,20	18,50
 R: 36/37/38 S: 26 disposal: 19						
631 N-Methylethylenediamine PROSYNTH® N-Méthyléthylènediamine / N-Metiletilendiamina NH ₂ CH ₂ CH ₂ NHCH ₃ C ₃ H ₁₀ N ₂ M = 74,13 g/mol assay (GC) 98% boiling range 115–118 °C refractive index (n _D ²⁰) 1,440	FL. 2922	5 ml	24,—	20,40	19,20	18,—

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 96x
package DM (1 Box) (4 Boxes) (16 Boxes)

33407 Methyl ethyl ketone R. G., Reag. Ph. Eur. I
A 3/1A *Méthyléthylcétone / Metiletilcetona*
C 3.2 1193 2 CH3COC2H5
-4°C C4H8O $M = 72,11$ g/mol 1 L \approx 0,80 kg
assay (GC) min. 99,5%
boiling range 78,5—80,5 °C
density (D_4^{20}) 0,804—0,806
refractive index (n_D^{20}) 1,3770—1,3810
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,05%
free acid (as CH3COOH) max. 0,001%
aluminium (Al) max. 0,00005%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,000002%
cadmium (Cd) max. 0,000005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,000002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,000002%
copper (Cu) max. 0,000002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,000002%
nickel (Ni) max. 0,000002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
KMnO₄ reducing substances (as O) max. 0,0003%
butanol-(2) max. 0,05%



R: 11 S: 9-16-23-33
disposal: 5

34861 Methyl ethyl ketone CHROMASOLV® for chromatography
A 3/1A (UV-detection)
C 3.2 1193 2 *Méthyléthylcétone / Metiletilcetona*
-4°C CH3COC2H5
C4H8O $M = 72,11$ g/mol 1 L \approx 0,80 kg
assay (GC) min. 99,7%
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,2%
free acid (as CH3COOH) max. 0,001%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm):
min. 20%/330, min. 50%/335,
min. 80%/340, min. 98%/from 350



R: 11 S: 9-16-23-33
disposal: 5

30813 Methyl ethyl ketone min. 99,9% for gas chromatography
A 3/1A *Méthyléthylcétone / Metiletilcetona*
C 3.2 1193 2 CH3COC2H5
-4°C C4H8O $M = 72,11$ g/mol 1 L \approx 0,80 kg



R: 11 S: 9-16-23-33
disposal: 5

24230 Methyl ethyl ketone chem. pure
A 3/1A *Méthyléthylcétone / Metiletilcetona*
C 3.2 1193 2 CH3COC2H5
-4°C C4H8O $M = 72,11$ g/mol 1 L \approx 0,80 kg
assay (GC) 99%
boiling range 78,5—80,5 °C
density (D_4^{20}) 0,804—0,806
refractive index (n_D^{20}) 1,3770—1,3810
non-volatile matter 0,002%
water (according to Karl Fischer) 0,2%



R: 11 S: 9-16-23-33
disposal: 5

Type of package	1 L	2,5 L	20 kg	1x	6x	24x	96x
B.T.N.				package DM	(1 Box)	(4 Boxes)	(16 Boxes)
FL.	1 L	22,50			19,15	18,—	17,35
FL.	2,5 L	47,50			39,45	37,05	35,60
EKL.			20 kg	kg	6,—		

2913

FL.	1 L	22,50	19,15	18,—	17,35
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2913


FL.	5 ml	49,25	41,85	39,40	36,95
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2913

FL.	1 L	17,75	15,10	14,20	13,65
FL.	2,5 L	36,25	30,10	28,30	27,20
EKL.	20 kg	kg	5,70		
EKL.	5x	kg	5,20		
EKL.	10x	kg	4,95		
EKL.	20x	kg	4,75		
F.	160 kg	kg	4,40		



2913



de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
167	Methyl 2-fluorobenzoate PROSYNTH® <i>Méthyle fluoro-2-benzoate / Metilo 2-fluorobenzoato</i> <chem>FC6H4COOCH3</chem> <chem>C8H7FO2</chem> $M = 154,14$ g/mol assay (GC) 99%	FL. 2914	100 ml	75,—	63,75	60,—	56,25
168	Methyl 4-fluorobenzoate PROSYNTH® <i>Méthyle fluoro-4-benzoate / Metilo 4-fluorobenzoato</i> <chem>FC6H4COOCH3</chem> <chem>C8H7FO2</chem> $M = 154,14$ g/mol assay (GC) 98% boiling range 195—197 °C	FL. 2914	250 ml	169,—	143,65	135,20	126,75
305	5-Methyl 4-fluoroglutamate PROSYNTH® <i>5-Méthyle 4-fluoroglutamate / 5-Metilo 4-fluoroglutaminato</i> <chem>CH3OCOCH(F)CH2CH(NH2)COOH</chem> <chem>C6H10FNO4</chem> $M = 179,15$ g/mol assay 99% melting range 160—162 °C	FL. 2923	1 g	356,—	302,60	284,80	267,—
395	Methyl fluorosulphonate PROSYNTH® <i>Méthyle fluorosulfonate / Metilo fluorosulfonato</i> <chem>FSO2OCH3</chem> <chem>CH3FO3S</chem> $M = 114,10$ g/mol assay (GC) 97% boiling range 92—94 °C refractive index (n_D^{20}) 1,333	A. 2921	10 ml	25,—	21,25	20,—	18,75
2804	N-Methylformamide PROSYNTH® <i>N-Méthylformamide / N-Metilformamida</i> <chem>HCONHCH3</chem> <chem>C2H5NO</chem> $M = 59,07$ g/mol assay (GC) 99% boiling range 199—201 °C refractive index (n_D^{20}) 1,432	FL. 2925	100 ml	9,75	8,30	7,80	7,30
2805	N-Methylformanilide PROSYNTH® <i>N-Méthylformanilide / N-Metilformanilida</i> <chem>HCON(CH3)C6H5</chem> <chem>C8H9NO</chem> $M = 135,17$ g/mol assay (GC) 99% boiling range 242—244 °C refractive index (n_D^{20}) 1,560	FL. 2925	100 ml	13,75	11,70	11,—	10,30
7009	Methyl formate <i>Méthyle formiate / Metilo formiato</i> <chem>HCOOCH3</chem> <chem>C2H4O2</chem> $M = 60,05$ g/mol boiling range 31—33 °C density (D_4^{20}) 0,969—0,972 refractive index (n_D^{20}) 1,3430—1,3450	FL. EKL. 2914	1 L 25 kg	13,50 price on request	11,50	10,80	10,40
2806	4-Methyl-1-formylbenzene see 4-Methylbenzaldehyde 2-Methylfuran PROSYNTH® <i>2-Méthylfuranne / 2-Metilfurano</i> <chem>QCH=CHCH=CCH3</chem> <chem>C5H6O</chem> $M = 82,10$ g/mol assay (GC) 99% boiling range 64—66 °C refractive index (n_D^{20}) 1,434	FL. 2935	500 ml	34,—	28,90	27,20	26,20



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
63632	2-Methylglutaric acid PROSYNTH® <i>Acide 2-méthylglutarique / Acido 2-metilglutárico</i> <chem>HOOCCH2CH2CH(CH3)COOH</chem> <chem>C6H10O4</chem> $M = 146,14$ g/mol assay (alkalimetric) 99% melting range 76–78 °C	WG. 2915	10 g	37,75	32,10	30,20	28,30
39087	Methyl glycinate hydrochloride BIOSYNTH® <i>Méthyle glycinate chlorhydrate / Metilo glicinato clorhidrato</i> <chem>NH2CH2COOCH3 · HCl</chem> <chem>C3H8ClNO2</chem> $M = 125,55$ g/mol assay (ex N) 97% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. 2923	100 g	65,50	55,70	52,40	49,15
	Methylglycol see Ethylene glycol monomethyl ether						
61028 A 6.1/62 C 6.1 2810 3	Methyl glycol tetrafluoroethyl ether PROSYNTH® <i>Méthylglycol tétrafluoréthyléther / Metilglicol tetrafluoroetileter</i> <chem>HCF2CF2OCH2CH2OCH3</chem> <chem>C5H8F4O2</chem> $M = 176,11$ g/mol $1\text{ L} \approx 1,27$ kg assay 98%  R: 36/37/38 S: 26 disposal: 7	FL. 2908	100 ml	105,—	89,25	84,—	78,75
32746	Methyl green for microscopy <i>Vert de méthyle / Verde de metilo</i> <chem>C26H33Cl2N3</chem> $M = 458,47$ g/mol	WG. 3205	10 g	24,—	20,40	19,20	18,—
63989	4-Methylheptadiene-(1,6)-ol-(4) PROSYNTH® <i>4-Méthylheptadiène-(1-6)-ol-(4) / 4-Metilheptadieno-(1,6)-ol-(4)</i> <chem>(CH2=CHCH2)2C(CH3)OH</chem> <chem>C8H14O</chem> $M = 126,20$ g/mol $1\text{ L} \approx 0,86$ kg assay (GC) 97% boiling range 155–157 °C	FL. 2904	10 ml	50,50	42,95	40,40	37,90
63634 A 3/3 C 3.3 1987 2 +42 °C	2-Methyl-2-heptanol PROSYNTH® <i>2-Méthylheptanol-(2) / 2-Metilheptanol-(2)</i> <chem>CH3(CH2)4C(CH3)2OH</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,81$ kg assay (GC) 99% boiling range 154–156 °C refractive index (n_D^{20}) 1,424 R: 10 disposal: 6	FL. 2904	50 ml	71,50	60,80	57,20	53,65
63635 A 3/3 C 3.3 1987 2 +43 °C	2-Methyl-3-heptanol PROSYNTH® <i>2-Méthylheptanol-(3) / 2-Metilheptanol-(3)</i> <chem>CH3(CH2)3CH(OH)CH(CH3)2</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,82$ kg assay (GC) 92% R: 10 disposal: 6	FL. 2904	50 ml	80,50	68,45	64,40	60,40
63884 A 3/3 C 3.3 1987 2 +50 °C	2-Methyl-4-heptanol PROSYNTH® <i>2-Méthylheptanol-(4) / 2-Metilheptanol-(4)</i> <chem>CH3CH(CH3)CH2CH(OH)CH2CH2CH3</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,82$ kg assay (GC) 98% boiling range 164–166 °C refractive index (n_D^{20}) 1,422 R: 10 disposal: 6	FL. 2904	5 ml	23,75	20,20	19,—	17,80



de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
005	5-Methyl-3-heptanol PROSYNTH® <i>5-Méthylheptanol-(3) / 5-Metilheptanol-(3)</i> <chem>CH3CH2CH(CH3)CH2CH(OH)CH2CH3</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,83$ kg assay (GC) 97% boiling range $160-163^\circ\text{C}$ refractive index (n_D^{20}) 1,423 R: 10 disposal: 6	FL. 2904	250 ml	32,25	27,40	25,80	24,20
004	6-Methyl-2-heptanol PROSYNTH® <i>6-Méthylheptanol-(2) / 6-Metilheptanol-(2)</i> <chem>(CH3)2CH(CH2)3CH(OH)CH3</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,81$ kg assay (GC) 97% boiling range $171-173^\circ\text{C}$ refractive index (n_D^{20}) 1,423 R: 10 disposal: 6	FL. 2904	25 ml	17,—	14,45	13,60	12,75
887	6-Methyl-3-heptanol PROSYNTH® <i>6-Méthylheptanol-(3) / 6-Metilheptanol-(3)</i> <chem>CH3CH2CH(OH)CH2CH2CH(CH3)CH3</chem> <chem>C8H18O</chem> $M = 130,23$ g/mol $1\text{ L} \approx 0,81$ kg assay (GC) 97% R: 10 disposal: 6	FL. 2904	5 ml	13,25	11,25	10,60	9,95
897	2-Methyl-3-heptanone PROSYNTH® <i>2-Méthylheptanone-(3) / 2-Metilheptanona-(3)</i> <chem>CH3(CH2)3COCH(CH3)CH3</chem> <chem>C8H16O</chem> $M = 128,21$ g/mol $1\text{ L} \approx 0,81$ kg assay (GC) 95% boiling range $154-157^\circ\text{C}$ refractive index (n_D^{20}) 1,511  R: 10-36/37 S: 23 disposal: 6	FL. 2913	25 ml	38,—	32,30	30,40	28,50
637	5-Methyl-3-heptanone PROSYNTH® <i>5-Méthylheptanone-(3) / 5-Metilheptanona-(3)</i> <chem>CH3CH2CH(CH3)CH2COCH2CH3</chem> <chem>C8H16O</chem> $M = 128,21$ g/mol $1\text{ L} \approx 0,82$ kg assay (GC) 98% boiling range $157-160^\circ\text{C}$ refractive index (n_D^{20}) 1,415  R: 10-36/37 S: 23 disposal: 6	FL. 2913	1 L	27,—	22,95	21,60	20,80
638	3-Methylhexane PROSYNTH® <i>3-Méthylhexane / 3-Metilhexano</i> <chem>CH3CH2CH2CH(CH3)CH2CH3</chem> <chem>C7H16</chem> $M = 100,20$ g/mol $1\text{ L} \approx 0,68$ kg assay (GC) 99% boiling range $90-92^\circ\text{C}$ refractive index (n_D^{20}) 1,389  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	107,50	91,40	86,—	80,65
803	Methyl hexanoate min. 99,9% for gas chromatography <i>Méthyle hexanoate / Metilo hexanoato</i> <chem>CH3(CH2)4COOCH3</chem> <chem>C7H14O2</chem> $M = 130,19$ g/mol $1\text{ L} \approx 0,89$ kg R: 10 disposal: 6	FL. 2914	5 ml	49,25	41,85	39,40	36,95







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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
64622	Methyl hexanoate PROSYNTH®	FL. 2914	100 ml	23,—	19,55	18,40	17,25
A 3/3	<i>Méthyle hexanoate / Metilo hexanoato</i>						
C 3.3 1993 2	CH ₃ (CH ₂) ₄ COOCH ₃						
+43 °C	C ₇ H ₁₄ O ₂ M = 130,19 g/mol						1 L ≈ 0,88 kg
	assay (GC)						99%
	boiling range						149—151 °C
	refractive index (n _D ²⁰)						1,405
63639	2-Methyl-2-hexanol PROSYNTH®	FL. 2904	25 ml	72,—	61,20	57,60	54,—
A 3/3	<i>2-Méthylhexanol-(2) / 2-Metilhexanol-(2)</i>						
C 3.3 1987 2	CH ₃ (CH ₂) ₃ C(CH ₃) ₂ OH						
+44 °C	C ₇ H ₁₆ O M = 116,20 g/mol						1 L ≈ 0,81 kg
	assay (GC)						98%
	boiling range						141—143 °C
	refractive index (n _D ²⁰)						1,418
	R: 10 disposal: 6						
63640	2-Methyl-3-hexanol PROSYNTH®	FL. 2904	25 ml	43,75	37,20	35,—	32,80
A 3/3	<i>2-Méthylhexanol-(3) / 2-Metilhexanol-(3)</i>						
C 3.3 1987 2	CH ₃ CH ₂ CH ₂ CH(OH)CH(CH ₃) ₂						
+45 °C	C ₇ H ₁₆ O M = 116,20 g/mol						1 L ≈ 0,83 kg
	assay (GC)						96%
	boiling range						139—141 °C
	refractive index (n _D ²⁰)						1,421
	R: 10 disposal: 6						
65003	3-Methyl-2-hexanol PROSYNTH®	FL. 2904	10 ml	36,—	30,60	28,80	27,—
A 3/4	<i>3-Méthylhexanol-(2) / 3-Metilhexanol-(2)</i>						
C 3.3 1987 2	CH ₃ CH ₂ CH ₂ CH(CH ₃)CH(OH)CH ₃						
+58 °C	C ₇ H ₁₆ O M = 116,20 g/mol						1 L ≈ 0,83 kg
	assay (GC)						98%
	boiling range (at 87 mbar)						84—86 °C
	refractive index (n _D ²⁰)						1,424
	R: 10 disposal: 6						
63641	3-Methyl-3-hexanol PROSYNTH®	FL. 2904	25 ml	23,50	20,—	18,80	17,65
A 3/3	<i>3-Méthylhexanol-(3) / 3-Metilhexanol-(3)</i>						
C 3.3 1987 2	CH ₃ CH ₂ CH ₂ C(OH)(CH ₃)CH ₂ CH ₃						
+43 °C	C ₇ H ₁₆ O M = 116,20 g/mol						1 L ≈ 0,82 kg
	assay (GC)						98%
	boiling range						141—143 °C
	refractive index (n _D ²⁰)						1,422
	R: 10 disposal: 6						
63643	5-Methyl-2-hexanol PROSYNTH®	FL. 2904	25 ml	50,50	42,95	40,40	37,90
A 3/3	<i>5-Méthylhexanol-(2) / 5-Metilhexanol-(2)</i>						
C 3.3 1987 2	CH ₃ CH(CH ₃)CH ₂ CH ₂ CH(OH)CH ₃						
+30 °C	C ₇ H ₁₆ O M = 116,20 g/mol						1 L ≈ 0,81 kg
	assay (GC)						98%
	boiling index (at 37 mbar)						76—78 °C
	refractive index (n _D ²⁰)						1,418
	R: 10 disposal: 6						
	2-Methylhexanone-(4) see Ethyl-iso-butyl ketone						
62808	5-Methylhexanone-(2) PROSYNTH®	FL. 2913	1 L	23,25	19,75	18,60	17,90
A 3/3	<i>5-Méthylhexanone-(2) / 5-Metilhexanona-(2)</i>						
C 3.3 2302 3	(CH ₃) ₂ CHCH ₂ CH ₂ COCH ₃						
+43 °C	C ₇ H ₁₄ O M = 114,19 g/mol						1 L ≈ 0,82 kg
	assay (GC)						98%
	boiling range						142—144 °C
	refractive index (n _D ²⁰)						1,407
	R: 10 S: 23 disposal: 6						

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Methylhexylcarbinol see Octanol-(2)						
Methyl hexyl ketone see Octanone-(2)						
9088 Methyl L-histidinate dihydrochloride BIOSYNTH® <i>Méthyle L-histidinate dichlorhydrate / Metilo L-histidinato diclorhidrato</i> $\text{NHCH}=\text{NCH}=\text{CCH}_2\text{CH}(\text{NH}_2)\text{COOCH}_3 \cdot 2\text{HCl}$ $\text{C}_7\text{H}_{13}\text{Cl}_2\text{N}_3\text{O}_2$ $M = 242,10$ g/mol assay (ex Cl) 99% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	10 g	42,75	36,35	34,20	32,05
1-Methylhydantoin-2-imide see Creatinine						
4703 Methylhydrazine PROSYNTH® <i>Méthylhydrazine / Metilhidracina</i> CH_3NHNH_2 CH_6N_2 $M = 46,07$ g/mol $1 \text{ L} \approx 0,88$ kg assay (GC) 98% boiling range (at 980 mbar) 85–87 °C refractive index (n_D^{20}) 1,433	FL. 2929	25 ml	26,50	22,55	21,20	19,90
  R: 11-23/24/25 S: 16-27-44 disposal: 20						
2-Methylhydroquinone see 2,5-Dihydroxytoluene						
3888 Methyl 3-hydroxybenzoate PROSYNTH® <i>Méthyle 3-hydroxybenzoate / Metilo 3-hidroxibenzoato</i> $\text{HOC}_6\text{H}_4\text{COOCH}_3$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay (HPLC) 99% melting range 70–72 °C	WG. 2916	25 g	47,—	39,95	37,60	35,25
2668 Methyl 4-hydroxybenzoate PROSYNTH® <i>Méthyle 4-hydroxybenzoate / Metilo 4-hidroxibenzoato</i> $\text{HOC}_6\text{H}_4\text{COOCH}_3$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay (HPLC) 99% melting range 125–128 °C	PF. 2916	250 g	19,25	16,35	15,40	14,45
4705 1-Methylimidazole PROSYNTH® <i>Méthyl-1-imidazole / 1-Metilimidazol</i> $\text{CH}_3\text{NCH}=\text{NCH}=\text{CH}$ $\text{C}_4\text{H}_6\text{N}_2$ $M = 82,10$ g/mol $1 \text{ L} \approx 1,04$ kg assay (GC) 99% boiling range 196–198 °C refractive index (n_D^{20}) 1,495	FL. 2935	100 ml	32,75	27,85	26,20	24,55
3645 2-Methylimidazole PROSYNTH® <i>Méthyl-2-imidazole / 2-Metilimidazol</i> $\text{HNCH}=\text{CHN}=\text{CCH}_3$ $\text{C}_4\text{H}_6\text{N}_2$ $M = 82,10$ g/mol assay (GC) 98% melting range 138–140 °C	WG. 2935	50 g	28,75	24,45	23,—	21,55
2-Methyl-D ₂ -imidazoline see Lysidine						
1-Methyl-2-iminohydantoin see Creatinine						
2491 1-Methylindole PROSYNTH® <i>Méthyl-1-indole / 1-Metilindol</i> $\text{C}_6\text{H}_4\text{N}(\text{CH}_3)\text{CH}=\text{CH}$ $\text{C}_9\text{H}_9\text{N}$ $M = 131,18$ g/mol $1 \text{ L} \approx 1,03$ kg assay (GC) 97% boiling range (at 25 mbar) 126–128 °C refractive index (n_D^{20}) 1,608	WG. 2935	10 g	119,—	101,15	95,20	89,25





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				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
64706	2-Methylindole PROSYNTH® <i>Méthyl-2-indole / 2-Metilindol</i> $C_6H_4NHC(CH_3)=CH$ C_9H_9N $M = 131,18$ g/mol assay (GC) 99% melting range 57–59 °C	PF. 2935	50 g	25,25	21,45	20,20	18,95
62810	3-Methylindole PROSYNTH® <i>Méthyl-3-indole / 3-Metilindol</i> $C_6H_4NHCH=CCH_3$ C_9H_9N $M = 131,18$ g/mol assay (GC) 99% melting range 95–97 °C	WG. 2935	10 g	23,—	19,55	18,40	17,25
09023 A 6.1/12 C 6.1 2810 2	Methyl iodide-d_3 deuteration degree not less than 99 atom % D <i>Méthyle iodure-d_3 / Metilo yoduro-d_3</i> CD_3I $M = 144,92$ g/mol $1 L \approx 2,30$ kg  R: 23/24/25-34 S: 26-44 disposal: 13 Methyl iodide see Iodomethane	A. 2851	5 ml	151,—	128,35	120,80	113,25
65042 A 3/5 C 3.2 1993 2 +18 °C	5-Methylisoxazole PROSYNTH® <i>5-Méthylisoxazole / 5-Metilisoxazol</i> $ON=CHCH=CCH_3$ C_4H_5NO $M = 83,09$ g/mol $1 L \approx 1,02$ kg assay (GC) 97% boiling range 120–122 °C refractive index (n_D^{20}) 1,438  R: 11 S: 7-16 disposal: 6	FL. 2935	10 ml	22,25	18,90	17,80	16,70
30809	Methyl laurate min. 99,9% for gas chromatography <i>Méthyle laurate / Metilo laurato</i> $CH_3(CH_2)_{10}COOCH_3$ $C_{13}H_{26}O_2$ $M = 214,35$ g/mol $1 L \approx 0,87$ kg	FL. 2914	5 ml	49,25	41,85	39,40	36,95
63647	Methyl laurate PROSYNTH® <i>Méthyle laurate / Metilo laurato</i> $CH_3(CH_2)_{10}COOCH_3$ $C_{13}H_{26}O_2$ $M = 214,35$ g/mol $1 L \approx 0,87$ kg assay (GC) 99% boiling range (at 20 mbar) 139–141 °C refractive index (n_D^{20}) 1,432	FL. 2914	50 ml	13,75	11,70	11,—	10,30
30812	Methyl linoleate min. 99,9% for gas chromatography <i>Méthyle linoléate / Metilo linoleato</i> $CH_3(CH_2)_3(CH_2CH=CH)_2(CH_2)_7COOCH_3$ $C_{19}H_{34}O_2$ $M = 294,48$ g/mol $1 L \approx 0,89$ kg	FL. 2914	5 ml	60,—	51,—	48,—	45,—
63648	Methyl linoleate PROSYNTH® <i>Méthyle linoléate / Metilo linoleato</i> $CH_3(CH_2)_3(CH_2CH=CH)_2(CH_2)_7COOCH_3$ $C_{19}H_{34}O_2$ $M = 294,48$ g/mol $1 L \approx 0,89$ kg assay (GC) 98% boiling range (at 27 mbar) 213–215 °C refractive index (n_D^{20}) 1,462	FL. 2914	50 ml	177,—	150,45	141,60	132,75
65043	Methylmalonic acid PROSYNTH® <i>Acide méthylmalonique / Acido metilmalónico</i> $CH_3CH(COOH)_2$ $C_4H_6O_4$ $M = 118,09$ g/mol assay (alkalimetric) 99% melting range 128–130 °C Methyl malonic acid diethyl ester see Diethyl methylmalonate	WG. 2915	10 g	54,50	46,35	43,60	40,90


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Methyl mercaptoacetate see Methyl thioglycollate							
753 3/3 3.3 1993 2 29 °C	Methyl methacrylate PROSYNTH® stabilized with hydroquinone (25 mg/l) <i>Méthyle méthacrylate / Metilo metacrilato</i> $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_3$ $\text{C}_5\text{H}_8\text{O}_2$ $M=100,12$ g/mol $1\text{ L} \approx 0,94$ kg assay (GC) 99% boiling range 100–102 °C refractive index (n_D^{20}) 1,415   R: 11-36/37/38 S: 9-16-29-33 disposal: 6	FL. 2914	1 L	22,50	19,15	18,—	17,35
9092	Methyl L-methioninate hydrochloride BIOSYNTH® <i>Méthyle L-méthioninate chlorhydrate / Metilo L-metioninato clorhidrato</i> $\text{CH}_3\text{SCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{COOCH}_3 \cdot \text{HCl}$ $\text{C}_6\text{H}_{14}\text{ClNO}_2\text{S}$ $M=199,70$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2931	5 g	30,25	25,70	24,20	22,70
4614	Methyl 2-methoxybenzoate PROSYNTH® <i>Méthyle méthoxy-2-benzoate / Metilo 2-metoxibenzoato</i> $\text{CH}_3\text{OC}_6\text{H}_4\text{COOCH}_3$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M=166,18$ g/mol $1\text{ L} \approx 1,16$ kg assay (GC) 99% boiling range 243–245 °C refractive index (n_D^{20}) 1,534	FL. 2916	100 ml	66,50	56,55	53,20	49,90
4916	Methyl 3-methylbenzoate PROSYNTH® <i>Méthyle méthyl-3-benzoate / Metilo 3-metilbenzoato</i> $\text{CH}_3\text{C}_6\text{H}_4\text{COOCH}_3$ $\text{C}_9\text{H}_{10}\text{O}_2$ $M=150,18$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 99% boiling range (at 36 mbar) 111–113 °C	FL. 2914	250 ml	134,50	114,35	107,60	100,90
5212	Methyl 3-methylbutenate-2 PROSYNTH® <i>Méthyle méthyl-3-butenate-2 / Metil 3-metilbutenato-2</i> $(\text{CH}_3)_2\text{C}=\text{CHCOOCH}_3$ $\text{C}_6\text{H}_{10}\text{O}_2$ $M=114,14$ g/mol $1\text{ L} \approx 0,95$ kg boiling range 135–138 °C	FL. 2914	100 ml	price on request			
4109	7-Methyl-3-methylene-1,6-octadiene PROSYNTH® <i>7-Méthyl-3-méthylèneoctadiène-(1-6) / 7-Metil-3- metilenoctadieno-(1,6)</i> $\text{H}_2\text{C}=\text{CHC}(\text{CH}_3)=\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{10}\text{H}_{16}$ $M=136,24$ g/mol $1\text{ L} \approx 0,80$ kg assay (GC) 75–80%	FL. 2901	250 ml	28,75	24,45	23,—	21,55
4479	Methyl methylthiomethyl sulphoxide PROSYNTH® <i>Méthylméthylthiométhyle sulfoxyde / Metilmetiltiometilo sulfóxido</i> $\text{CH}_3\text{SOCH}_2\text{SCH}_3$ $\text{C}_3\text{H}_8\text{OS}_2$ $M=124,23$ g/mol $1\text{ L} \approx 1,22$ kg assay (GC) 99% boiling range 223–225 °C refractive index (n_D^{20}) 1,553	FL. 2931	25 ml	91,50	77,80	73,20	68,65
2811 3.2 2535 2 24 °C	N-Methylmorpholine PROSYNTH® <i>N-Méthylmorpholine / N-Metilmorfolina</i> $\text{CH}_3\text{NCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2$ $\text{C}_5\text{H}_{11}\text{NO}$ $M=101,15$ g/mol $1\text{ L} \approx 0,92$ kg assay (GC) 99% boiling range 116–118 °C refractive index (n_D^{20}) 1,433	FL. 2935	250 ml	23,—	19,55	18,40	17,25







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30811	Methyl myristate min. 99,9% for gas chromatography <i>Méthyle myristate / Metilo miristato</i> $\text{CH}_3(\text{CH}_2)_{12}\text{COOCH}_3$ $\text{C}_{15}\text{H}_{30}\text{O}_2$ $M = 242,40$ g/mol $1 \text{ L} \approx 0,87 \text{ kg}$ α-Methylnaphthalene see 1-Methylnaphthalene β-Methylnaphthalene see 2-Methylnaphthalene	FL. 2914	5 ml	49,25	41,85	39,40	36,95
62812 A 3/4 +78 °C	1-Methylnaphthalene PROSYNTH® <i>1-Méthylnaphtalène / 1-Metilnaftaleno</i> $\text{CH}_3\text{C}_{10}\text{H}_7$ $\text{C}_{11}\text{H}_{10}$ $M = 142,20$ g/mol $1 \text{ L} \approx 1,02 \text{ kg}$ assay (GC) 98% boiling range 242—244 °C refractive index (n_D^{20}) 1,616	FL. 2901	1 L	99,50	84,60	79,60	76,60
62813	2-Methylnaphthalene PROSYNTH® <i>2-Méthylnaphtalène / 2-Metilnaftaleno</i> $\text{CH}_3\text{C}_{10}\text{H}_7$ $\text{C}_{11}\text{H}_{10}$ $M = 142,20$ g/mol assay (GC) 99% melting range 33—35 °C	FL. 2901	500 g	31,25	26,55	25,—	24,05
39409	2-Methyl-1,4-naphthoquinone BIOSYNTH® <i>Méthyl-2-naphtoquinone-1-4 / 2-Metil-1,4-naftoquinona</i> $\text{C}_6\text{H}_4\text{COC}(\text{CH}_3)=\text{CHCO}$ $\text{C}_{11}\text{H}_8\text{O}_2$ $M = 172,19$ g/mol <div>  <div> R: 20/21/22 S: 28 disposal: 6 </div> </div> Methyl naphthyl-(1)-acetate see Naphthyl-(1)-acetic acid methyl ester	WG. 2913	100 g	100,50	85,45	80,40	75,40
64099	Methylnaphthylcarbinol-(1) PROSYNTH® <i>Méthylnaphtylcarbinol-(1) / Metilnaftilcarbinol-(1)</i> $\text{C}_{10}\text{H}_7\text{CH}(\text{OH})\text{CH}_3$ $\text{C}_{12}\text{H}_{12}\text{O}$ $M = 172,23$ g/mol $1 \text{ L} \approx 1,06 \text{ kg}$ assay (GC) 72% melting range 51—53 °C	FL. 2905	25 ml	31,25	26,55	25,—	23,45
64100	Methylnaphthylcarbinol-(2) PROSYNTH® <i>Méthylnaphtylcarbinol-(2) / Metilnaftilcarbinol-(2)</i> $\text{C}_{10}\text{H}_7\text{CH}(\text{OH})\text{CH}_3$ $\text{C}_{12}\text{H}_{12}\text{O}$ $M = 172,23$ g/mol assay (GC) 90% melting range 63—65 °C Methyl-[naphthyl-(2)]-ketone see 2-Acetylnaphthalene	WG. 2905	25 g	34,50	29,35	27,60	25,90
63649	Methyl nicotinate PROSYNTH® <i>Méthyle nicotinate / Metilo nicotinato</i> $\text{CH}=\text{CHCH}=\text{NCH}=\text{CCOOCH}_3$ $\text{C}_7\text{H}_7\text{NO}_2$ $M = 137,14$ g/mol assay (GC) 98% melting range 38—41 °C	WG. 2935	100 g	49,50	42,10	39,60	37,15
64408 A 6.1/21L C 6.1 2811 2	2-Methyl-3-nitroaniline PROSYNTH® <i>2-Méthyl-3-nitroaniline / 2-Metil-3-nitroanilina</i> $\text{NH}_2\text{C}_6\text{H}_3(\text{NO}_2)\text{CH}_3$ $\text{C}_7\text{H}_8\text{N}_2\text{O}_2$ $M = 152,15$ g/mol assay 98% melting range 89—92 °C <div>  <div> R: 23/24/25-33 S: 28-36/37-44 disposal: 20 </div> </div>	WG. 2922	25 g	23,25	19,75	18,60	17,45

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
14	2-Methyl-4-nitroaniline PROSYNTH® <i>2-Méthyl-4-nitroaniline / 2-Metil-4-nitroanilina</i> <chem>NH2C6H3(NO2)CH3</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 98% melting range 130–132 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	100 g	19,25	16,35	15,40	14,45
815	2-Methyl-5-nitroaniline PROSYNTH® <i>2-Méthyl-5-nitroaniline / 2-Metil-5-nitroanilina</i> <chem>NH2C6H3(NO2)CH3</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 98% melting range 103–105 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	500 g	40,75	34,65	32,60	31,40
816	2-Methyl-6-nitroaniline PROSYNTH® <i>2-Méthyl-6-nitroaniline / 2-Metil-6-nitroanilina</i> <chem>NH2C6H3(NO2)CH3</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 98% melting range 93–95 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	100 g	83,50	71,—	66,80	62,65
216	4-Methyl-2-nitroaniline PROSYNTH® <i>4-Méthyl-2-nitroaniline / 4-Metil-2-nitroanilina</i> <chem>CH3C6H3(NO2)NH2</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 97% melting range 114–116 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	250 g	35,50	30,20	28,40	26,65
187	4-Methyl-3-nitroaniline PROSYNTH® <i>4-Méthyl-3-nitroaniline / 4-Metil-3-nitroanilina</i> <chem>CH3C6H3(NO2)NH2</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 97% melting range 76–78 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	250 g	23,—	19,55	18,40	17,25
096	5-Methyl-2-nitroaniline PROSYNTH® <i>5-Méthyl-2-nitroaniline / 5-Metil-2-nitroanilina</i> <chem>CH3C6H3(NO2)NH2</chem> <chem>C7H8N2O2</chem> $M = 152,15$ g/mol assay (GC) 95% melting range 108–110 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	10 g	69,—	58,65	55,20	51,75
421	Methyl N^ω-nitro-L-argininate hydrochloride BIOSYNTH® <i>Méthyle N^ω-nitro-L-argininate chlorhydrate / Metilo N^ω-nitro-L-argininato clorhidrato</i> <chem>HN=C(NHNO2)NH(CH2)3CH(NH2)COOCH3 · HCl</chem> <chem>C7H16ClN5O4</chem> $M = 269,69$ g/mol	WG. 2923	5 g	28,50	24,25	22,80	21,40

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
65044	2-Methyl-3-nitrobenzoic acid PROSYNTH® <i>Acide 2-méthyl-3-nitrobenzoïque / Acido 2-metil-3-nitrobenzóico</i> <chem>CH3C6H3(NO2)COOH</chem> <chem>C8H7NO4</chem> $M = 181,15$ g/mol assay (alkalimetric) 99% melting range 182–185 °C	WG. 2914	100 g	36,—	30,60	28,80	27,—
65045	3-Methyl-2-nitrobenzoic acid PROSYNTH® <i>Acide 3-méthyl-2-nitrobenzoïque / Acido 3-metil-2-nitrobenzóico</i> <chem>CH3C6H3(NO2)COOH</chem> <chem>C8H7NO4</chem> $M = 181,15$ g/mol assay (alkalimetric) 98% melting range 219–222 °C	WG. 2914	25 g	28,50	24,25	22,80	21,40
63891	3-Methyl-4-nitrobenzoic acid PROSYNTH® <i>Acide 3-méthyl-4-nitrobenzoïque / Acido 3-metil-4-nitrobenzóico</i> <chem>CH3C6H3(NO2)COOH</chem> <chem>C8H7NO4</chem> $M = 181,15$ g/mol assay (alkalimetric) 99% melting range 216–218 °C	WG. 2914	100 g	31,75	27,—	25,40	23,80
62818	4-Methyl-3-nitrobenzoic acid PROSYNTH® <i>Acide 4-méthyl-3-nitrobenzoïque / Acido 4-metil-3-nitrobenzóico</i> <chem>CH3C6H3(NO2)COOH</chem> <chem>C8H7NO4</chem> $M = 181,15$ g/mol assay (alkalimetric) 99% melting range 188–190 °C	PF. 2914	100 g	47,—	39,95	37,60	35,25
63892	5-Methyl-2-nitrobenzoic acid PROSYNTH® <i>Acide 5-méthyl-2-nitrobenzoïque / Acido 5-metil-2-nitrobenzóico</i> <chem>CH3C6H3(NO2)COOH</chem> <chem>C8H7NO4</chem> $M = 181,15$ g/mol assay (alkalimetric) 98% melting range 133–135 °C	WG. 2914	100 g	28,75	24,45	23,—	21,55
64106	2-Methyl-5-nitroimidazole PROSYNTH® <i>2-Méthyl-5-nitroimidazole / 2-Metil-5-nitroimidazol</i> <chem>HNC(NO2)=CHN=C(CH3)</chem> <chem>C4H5N3O2</chem> $M = 127,10$ g/mol assay (HPLC) 99% melting range 252–254 °C	WG. 2935	25 g	22,—	18,70	17,60	16,50
62819 A 6.1/21 C 6.1 2811 2	N-Methyl-N-nitroso-p-toluenesulphonamide PROSYNTH® for preparation of diazomethane <i>N-Méthyl-N-nitroso-p-toluènesulfonamide / N-Metil-N-nitroso-p-toluenosulfonamida</i> <chem>CH3C6H4SO2N(NO)CH3</chem> <chem>C8H10N2O3S</chem> $M = 214,24$ g/mol assay (ex S) 97% melting range 60–62 °C	WG. 2936	100 g	67,50	57,40	54,—	50,60
Methyl nonanoate see Methyl pelargonate							
Methyl nonyl ketone see Undecanone-(2)							
Methyl octyl ketone see Decanone-(2)							
32624	Methyl orange indicator, Reag. Ph. Eur. I (C. I. No. 13025, S. No. 176) <i>Orangé de méthyle / Naranja de metilo</i> <chem>NaO3SC6H4N=NC6H4N(CH3)2</chem> <chem>C14H14N3NaO3S</chem> $M = 327,34$ g/mol	WG. WG. 3205	100 g 250 g	22,— 51,—	18,70 43,35	17,60 40,80	16,50 38,25

E-Number O/ADR VE/GGVS OG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM					
		1x	6x	24x	96x		
		package DM	(1 Box)	(4 Boxes)	(16 Boxes)		
76	Methyl orange solution 0,1%, indicator Ph. Eur. I <i>Orangé de méthyle en solution / Naranja de metilo en solución</i> 1 L ≈ 1,00 kg	PF. PF. 2928	500 ml 1 L	9,50 15,75	8,10 13,40	7,60 12,60	7,30 12,15
850	Methyl palmitate min. 99,9% for gas chromatography <i>Méthyle palmitate / Metilo palmitato</i> <chem>CH3(CH2)14COOCH3</chem> <chem>C17H34O2</chem> M = 270,45 g/mol	FL. 2914	1 g	13,25	11,25	10,60	9,95
650	Methyl palmitate PROSYNTH® <i>Méthyle palmitate / Metilo palmitato</i> <chem>CH3(CH2)14COOCH3</chem> <chem>C17H34O2</chem> M = 270,45 g/mol assay (GC) 99% melting range 29–30 °C	FL. 2914	1 g	35,75	30,40	28,60	26,80
	Methylparaben see Methyl 4-hydroxybenzoate						
806	Methyl pelargonate min. 99,9% for gas chromatography <i>Méthyle pélargonate / Metilo pelargonato</i> <chem>CH3(CH2)7COOCH3</chem> <chem>C10H20O2</chem> M = 172,27 g/mol 1 L ≈ 0,88 kg	FL. 2914	10 g	price on request			
2821	1-Methylpentanal PROSYNTH® <i>1-Méthylpentanal / 1-Metilpentanal</i> <chem>CH3CH2CH2CH(CH3)CHO</chem> <chem>C6H12O</chem> M = 100,16 g/mol 1 L ≈ 0,81 kg assay (GC) 96% boiling range 116–119 °C refractive index (n_D^{20}) 1,402	FL. 2911	500 ml	29,50	25,10	23,60	22,70
	 R: 11 S: 9-16-33 disposal: 14						
2820	★ 2-Methylpentane PROSYNTH® <i>2-Méthylpentane / 2-Metilpentano</i> <chem>CH3CH2CH2CH(CH3)2</chem> <chem>C6H14</chem> M = 86,18 g/mol 1 L ≈ 0,66 kg assay (GC) 99% boiling range 59–61 °C refractive index (n_D^{20}) 1,372	FL. 2901	100 ml	49,75	42,30	39,80	37,30
	 R: 11 S: 9-16-33 disposal: 6						
8893	3-Methylpentane PROSYNTH® <i>3-Méthylpentane / 3-Metilpentano</i> <chem>CH3CH2CH(CH3)CH2CH3</chem> <chem>C6H14</chem> M = 86,18 g/mol 1 L ≈ 0,66 kg assay (GC) 99% boiling range 61–63 °C refractive index (n_D^{20}) 1,377	FL. 2901	100 ml	31,75	27,—	25,40	23,80
	 R: 11 S: 9-16-33 disposal: 6						
	2-Methylpentanedioic acid see 2-Methylglutaric acid						
2822	2-Methylpentanediol-(2,4) PROSYNTH® <i>2-Méthylpentanediol-(2,4) / 2-Metilpentanodiol-(2,4)</i> <chem>CH3CH(OH)CH2C(CH3)2OH</chem> <chem>C6H14O2</chem> M = 118,18 g/mol 1 L ≈ 0,92 kg assay (GC) 98% boiling range (at 15 mbar) 95–97 °C refractive index (n_D^{20}) 1,427	FL. 2904	1 L	20,50	17,45	16,40	15,80
	 R: 36/38 disposal: 6						

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30845	2-Methylpentanol-(2) min. 99,9% for gas chromatography A 3/3 2-Méthylpentanol-(2) / 2-Metilpentanol-(2) C 3.3 1987 2 CH ₃ C(OH)(CH ₃)CH ₂ CH ₂ CH ₃ +30 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,84 kg R: 10 disposal: 6	FL. 2904	5 ml	49,25	41,85	39,40	36,95
63895	2-Methylpentanol-(2) PROSYNTH® A 3/3 2-Méthylpentanol-(2) / 2-Metilpentanol-(2) C 3.3 1987 2 CH ₃ C(OH)(CH ₃)CH ₂ CH ₂ CH ₃ +30 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,84 kg assay (GC) 99% boiling range 120–122 °C refractive index (n _D ²⁰) 1,410 R: 10 disposal: 6	FL. 2904	5 ml	20,25	17,20	16,20	15,20
63896	2-Methylpentanol-(3) PROSYNTH® A 3/3 2-Méthylpentanol-(3) / 2-Metilpentanol-(3) C 3.3 1993 2 CH ₃ CH(CH ₃)CH(OH)CH ₂ CH ₃ +36 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 127–129 °C refractive index (n _D ²⁰) 1,417 R: 10 disposal: 6	FL. 2904	5 ml	18,50	15,75	14,80	13,90
65046	3-Methylpentanol-(2) PROSYNTH® A 3/3 3-Méthylpentanol-(2) / 3-Metilpentanol-(2) C 3.3 1987 2 CH ₃ CH ₂ CH(CH ₃)CH(OH)CH ₃ +41 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 132–134 °C refractive index (n _D ²⁰) 1,420 R: 10 disposal: 6	FL. 2904	50 ml	126,50	107,55	101,20	94,90
63897	3-Methylpentanol-(3) PROSYNTH® A 3/3 3-Méthylpentanol-(3) / 3-Metilpentanol-(3) C 3.3 1993 2 CH ₃ CH ₂ C(OH)(CH ₃)CH ₂ CH ₃ +24 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 121–123 °C refractive index (n _D ²⁰) 1,419 R: 10 disposal: 6	FL. 2904	250 ml	28,50	24,25	22,80	21,40
63898	4-Methylpentanol-(1) PROSYNTH® A 3/4 4-Méthylpentanol-(1) / 4-Metilpentanol-(1) C 3.3 1987 2 HOCH ₂ CH ₂ CH ₂ CH(CH ₃) ₂ +57 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,82 kg assay (GC) 97% boiling range 150–152 °C refractive index (n _D ²⁰) 1,414	FL. 2904	5 ml	39,—	33,15	31,20	29,25
62824	4-Methylpentanol-(2) PROSYNTH® A 3/3 4-Méthylpentanol-(2) / 4-Metilpentanol-(2) C 3.3 2053 3 (CH ₃) ₂ CHCH ₂ CH(OH)CH ₃ +41 °C C ₆ H ₁₄ O M = 102,18 g/mol 1 L ≈ 0,81 kg assay(GC) 98% boiling range 131–133 °C refractive index (n _D ²⁰) 1,410	FL. 2904	1 L	14,—	11,90	11,20	10,80
<div></div> <div>R: 10-37 S: 24/25 disposal: 6</div>							
2-Methylpentanone-(3) see Ethyl-iso-propyl ketone							
2-Methylpentanone-(4) see Methyl-iso-butyl ketone							
3-Methylpentanone-(2) see Methyl-sec.-butyl ketone							

de-Number RID/ADR GGVE/GGVs MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
3651	2-Methyl-1-pentene PROSYNTH® 2-Méthylpentène-(1) / 2-Metilpenteno-(1) CH ₃ CH ₂ CH ₂ C(CH ₃)=CH ₂ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,68 kg assay (GC) 99% boiling range 60–62 °C refractive index (n _D ²⁰) 1,392  R: 11 S: 9-16-33 disposal: 6	FL. 2901	50 ml	39,25	33,35	31,40	29,45
5047	2-Methyl-2-pentene PROSYNTH® 2-Méthyl-2-pentène / 2-Metil-2-penteno CH ₃ CH ₂ CH=C(CH ₃) ₂ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,69 kg assay (GC) 99% boiling range 66–68 °C refractive index (n _D ²⁰) 1,400  R: 11 S: 9-16-33 disposal: 6	FL. 2901	10 ml	19,25	16,35	15,40	14,45
5048	3-Methyl-1-pentene PROSYNTH® 3-Méthyl-1-pentène / 3-Metil-1-penteno CH ₃ CH ₂ CH(CH ₃)CH=CH ₂ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,67 kg assay (GC) 99% boiling range 52–54 °C refractive index (n _D ²⁰) 1,384  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	43,75	37,20	35,—	32,80
5049	cis-3-Methyl-2-pentene PROSYNTH® cis-3-Méthyl-2-pentène / cis-3-Metil-2-penteno CH ₃ CH ₂ C(CH ₃)=CHCH ₃ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,69 kg assay (GC) 97% boiling range 67–69 °C refractive index (n _D ²⁰) 1,406  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	31,75	27,—	25,40	23,80
5050	trans-3-Methyl-2-pentene PROSYNTH® trans-3-Méthyl-2-pentène / trans-3-Metil-2-penteno CH ₃ CH ₂ C(CH ₃)=CHCH ₃ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,70 kg assay (GC) 98% boiling range 70–72 °C refractive index (n _D ²⁰) 1,405  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	29,50	25,10	23,60	22,15
5051	3-Methyl-2-pentene PROSYNTH® mixture of cis- and trans- isomers 3-Méthyl-2-pentène / 3-Metil-2-penteno CH ₃ CH ₂ C(CH ₃)=CHCH ₃ C ₆ H ₁₂ M=84,16 g/mol 1 L ≈ 0,70 kg assay (GC) 99% boiling range 67–70 °C refractive index (n _D ²⁰) 1,404  R: 11 S: 9-16-33 disposal: 6	FL. 2901	10 ml	62,—	52,70	49,60	46,50

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.




Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

63652	4-Methyl-1-pentene PROSYNTH® A 3/1A <i>4-Méthyl-1-pentène / 4-Metilpenteno-(1)</i> C 3.2 1993 2 $(CH_3)_2CHCH_2CH=CH_2$ -7°C C_6H_{12} $M=84,16$ g/mol 1 L ≈ 0,66 kg assay (GC) 99% boiling range 53–55 °C refractive index (n_D^{20}) 1,382  R: 11 S: 9-16-33 disposal: 6	FL. 2901	50 ml	43,—	36,55	34,40	32,25
63653	cis-4-Methyl-2-pentene PROSYNTH® A 3/1A <i>cis-4-Méthyl-2-pentène / cis-4-Metilpenteno-(2)</i> C 3.1 1993 2 $(CH_3)_2CHCH=CHCH_3$ -32°C C_6H_{12} $M=84,16$ g/mol 1 L ≈ 0,67 kg assay (GC) 99% boiling range 54–56 °C refractive index (n_D^{20}) 1,388  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	28,50	24,25	22,80	21,40
63654	trans-4-Methyl-2-pentene PROSYNTH® A 3/1A <i>trans-4-Méthyl-2-pentène / trans-4-Metil-2-penteno</i> C 3.1 1993 2 $(CH_3)_2CHCH=CHCH_3$ -29°C C_6H_{12} $M=84,16$ g/mol 1 L ≈ 0,67 kg assay (GC) 98% boiling range 57–59 °C refractive index (n_D^{20}) 1,389  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	26,25	22,30	21,—	19,70
2-Methylpentene-(2)-on-(4) see Mesityl oxide							
15779	3-Methylpentin-(1)-ol-(3) A 3/3 <i>3-Méthylpentine-(1)-ol-(3) / 3-Metilpentina-(1)-ol-(3)</i> C 3.3 1993 2 $CH \equiv CC(OH)(CH_3)C_2H_5$ +39°C $C_6H_{10}O$ $M=98,14$ g/mol 1 L ≈ 0,87 kg Patent rights regarding its application in the electroplating industry have to be observed. assay 98,5% boiling range 120–121 °C density (D_4^{20}) 0,869–0,870 refractive index (n_D^{20}) 1,4300–1,4320 non-volatile matter 0,02% ketones (as $CH_3COC_2H_5$) 0,3% R: 10 disposal: 6	FL. FL. STP. 2904	1 L 2,5 L 25 kg	57,— 126,— price on request	48,45 104,60	45,60 98,30	43,90 94,50
Methylpentylcarbinol see Heptanol-(2)							
Methyl pentyl ketone see Heptanone-(2)							
Methyl-iso-pentyl ketone see 5-Methylhexanone-(2)							
62825	5-Methylphenazinium methyl sulphate PROSYNTH® <i>5-Méthylphénazine méthylsulfate / 5-Metilfenacina metilsulfato</i> $[C_6H_4N=C_6H_4=N^+CH_3]CH_3SO_4^-$ $C_{14}H_{14}N_2O_4S$ $M=306,34$ g/mol assay (ex S) 95%	WG. 2935	10 g	87,50	74,40	70,—	65,60

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094	Methyl L-phenylalaninate hydrochloride BIOSYNTH® <i>Méthyle L-phénylalaninate chlorhydrate / Metilo L-fenilalaninato clorhidrato</i> $C_6H_5CH_2CH(NH_2)COOCH_3 \cdot HCl$ $C_{10}H_{14}ClNO_2$ $M = 215,68$ g/mol assay (ex N) 97% melting range 158–160 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2923	10 g	29,50	25,10	23,60	22,15
0363 S.1/21H S.1 2811 3	2-Methyl-1,3-phenylenediamine PROSYNTH® <i>2-Méthyl-1-3-phénylènediamine / 2-Metil-1,3-fenilendiamina</i> $CH_3C_6H_3(NH_2)_2$ $C_7H_{10}N_2$ $M = 122,17$ g/mol assay 98% melting range 103–105 °C	WG. 2922	100 g	102,50	87,15	82,—	76,90
0364 S.1/21H S.1 2811 3	4-Methyl-1,2-phenylenediamine PROSYNTH® <i>4-Méthyl-1-2-phénylènediamine / 4-Metil-1,2-fenilendiamina</i> $CH_3C_6H_3(NH_2)_2$ $C_7H_{10}N_2$ $M = 122,17$ g/mol assay 98% melting range 88–90 °C	WG. 2922	100 g	19,75	16,80	15,80	14,80
103	Methyl phenyl ether see Anisole						
	4-Methylphenylmethylcarbinol PROSYNTH® <i>4-Méthylphénylméthylcarbinol / 4-Metilfenilmetilcarbinol</i> $CH_3C_6H_4CHOHCH_3$ $C_9H_{12}O$ $M = 136,19$ g/mol assay (GC) 97% boiling range 217–219 °C refractive index (n_D^{20}) 1,524	FL. 2905	10 g	37,50	31,90	30,—	28,15
	2-Methyl-2-phenylpropane see tert.-Butylbenzene						
710 S.1/4 2 °C	Methyl phenyl sulphide PROSYNTH® <i>Méthylphényle sulfure / Metilfenilo sulfuro</i> $C_6H_5SCH_3$ C_7H_8S $M = 124,21$ g/mol $1 L \approx 1,06$ kg assay (GC) 99% boiling range 190–192 °C refractive index (n_D^{20}) 1,586	FL. 2931	100 ml	72,—	61,20	57,60	54,—
	Methyl phthalate see Dimethyl phthalate						
827 S.1/35 3 1992 2 9 °C	1-Methylpiperazine PROSYNTH® <i>1-Méthylpipérazine / 1-Metilpiperacina</i> $CH_3NCH_2CH_2NHCH_2CH_2$ $C_5H_{12}N_2$ $M = 100,16$ g/mol $1 L \approx 0,90$ kg assay (GC) 99% boiling range 136–138 °C refractive index (n_D^{20}) 1,466	FL. 2935	100 ml	26,75	22,75	21,40	20,05
899 S.1/35 1759 2	2-Methylpiperazine PROSYNTH® <i>2-Méthylpipérazine / 2-Metilpiperacina</i> $NHCH_2CH_2NHCH_2CHCH_3$ $C_5H_{12}N_2$ $M = 100,16$ g/mol assay (GC) 99% melting range 65–67 °C	WG. 2935	250 g	56,—	47,60	44,80	42,—

Code-Number
A) RID/ADR
B) GGV/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

8x

(1 Box)

(4 Boxes)

(16 Boxes)

62828 1-Methylpiperidine PROSYNTH®
A 3/1A 1-Méthylpipéridine / 1-Metilpiperidina
C 3.2 2399 2 CH3N(CH2)4CH2
+3°C C6H13N M = 99,18 g/mol 1 L ≈ 0,82 kg
assay (GC) 98%
boiling range 105–108 °C
refractive index (n_D²⁰) 1,438



R: 11 S: 9-16-33
disposal: 19

62829 2-Methylpiperidine PROSYNTH®
A 3/1A 2-Méthylpipéridine / 2-Metilpiperidina
C 3.2 1993 2 NH(CH2)4CHCH3
+10°C C6H13N M = 99,18 g/mol 1 L ≈ 0,83 kg
assay (GC) 98%
boiling range 117–119 °C
refractive index (n_D²⁰) 1,446



R: 11 S: 9-16-33
disposal: 19

63900 3-Methylpiperidine PROSYNTH®
A 3/1A 3-Méthylpipéridine / 3-Metilpiperidina
C 3.2 1993 2 NHCH2CH(CH3)CH2CH2CH2
+8°C C6H13N M = 99,18 g/mol 1 L ≈ 0,85 kg
assay (GC) 98%
boiling range 123–126 °C
refractive index (n_D²⁰) 1,448



R: 11 S: 9-16-33
disposal: 6

62830 4-Methylpiperidine PROSYNTH®
A 3/1A 4-Méthylpipéridine / 4-Metilpiperidina
C 3.2 1993 2 NHCH2CH2CH(CH3)CH2CH2
+9°C C6H13N M = 99,18 g/mol 1 L ≈ 0,84 kg
assay (GC) 99%
boiling range 124–127 °C
refractive index (n_D²⁰) 1,446



R: 11 S: 9-16-33
disposal: 19

64711 1-Methyl-3-piperidinol PROSYNTH®
Méthyl-1-pipéridinol-3 / 1-Metil-3-piperidinol
CH3N(CH2)3CH(OH)CH2
C6H13NO M = 115,17 g/mol 1 L ≈ 0,98 kg
assay (GC) 98%
boiling range (at 15 mbar) 76–78 °C
refractive index (n_D²⁰) 1,475

62831 1-Methyl-4-piperidinol PROSYNTH®
Méthyl-1-pipéridinol-(4) / 1-Metilpiperidinol-(4)
CH3NCH2CH2CH(OH)CH2CH2
C6H13NO M = 115,17 g/mol 1 L ≈ 0,97 kg
assay (GC) 98%
boiling range 198–200 °C
refractive index (n_D²⁰) 1,478

62832 1-Methyl-4-piperidinone PROSYNTH®
A 3/4 Méthyl-1-pipéridinone-(4) / 1-Metil-4-piperidinona
C 3.3 1993 2 CH3NCH2CH2COCH2CH2
+58°C C6H11NO M = 113,16 g/mol 1 L ≈ 0,98 kg
assay (GC) 98%
boiling range (at 15 mbar) 57–60 °C
refractive index (n_D²⁰) 1,461

FL.
2935

100 ml 17,— 14,45 13,60 12

FL.
2935

100 ml 24,— 20,40 19,20 18

FL.
2935

50 ml 22,50 19,15 18,— 16

FL.
2935

100 ml 23,75 20,20 19,— 1

FL.
2935





25 ml 26,50 22,55 21,20 1

FL.
2935

100 g 43,75 37,20 35,— 3

FL.
2935

100 ml 32,50 27,65 26,— 2

Number ADR E/GGVs S-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
5	Methyl pivalate PROSYNTH® <i>Méthyle pivalate / Metilo pivalato</i>	FL. 2914	100 ml	25,25	21,45	20,20	18,95
1993 2	<chem>(CH3)3CCOOCH3</chem> <chem>C6H12O2</chem> $M = 116,16$ g/mol 1 L ≈ 0,87 kg assay (GC) 99% boiling range 99–101 °C refractive index (n_D^{20}) 1,390  R: 11 S: 9-16-33 disposal: 6						
	2-Methylpropanal see Isobutyraldehyde						
31	2-Methylpropanethiol-(1) PROSYNTH® <i>2-Méthylpropanethiol-(1) / 2-Metilpropanotiol-(1)</i>	FL. 2931	100 ml	18,75	15,95	15,—	14,05
1228 2	<chem>(CH3)2CHCH2SH</chem> <chem>C4H10S</chem> $M = 90,19$ g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 87–89 °C refractive index (n_D^{20}) 1,440  R: 11 S: 9-16-33 disposal: 15						
	2-Methylpropanethiol-(1) see iso-Butylmercaptan						
33	2-Methylpropanethiol-(2) PROSYNTH® <i>2-Méthylpropanethiol-(2) / 2-Metilpropanotiol-(2)</i>	FL. 2931	250 ml	20,50	17,45	16,40	15,40
1993 2	<chem>(CH3)3CSH</chem> <chem>C4H10S</chem> $M = 90,19$ g/mol 1 L ≈ 0,80 kg assay (GC) 98% boiling range 64–66 °C refractive index (n_D^{20}) 1,423  R: 11 S: 9-16-33 disposal: 15						
	2-Methylpropanoic acid see iso-Butyric acid						
	2-Methylpropanol-(1) see iso-Butanol						
	2-Methylpropanol-(2) see tert.-Butanol						
	2-Methylpropenoic acid see Methacrylic acid						
12	2-Methyl-2-propen-1-ol PROSYNTH® <i>Méthyl-2-propène-2-ol-1 / 2-Metil-2-propén-1-ol</i>	FL. 2904	100 ml	20,50	17,45	16,40	15,40
1987 2	<chem>CH2=CH(CH3)CH2OH</chem> <chem>C4H8O</chem> $M = 72,11$ g/mol 1 L ≈ 0,85 kg assay (GC) 98% boiling range 111–114 °C refractive index (n_D^{20}) 1,425 R: 10 disposal: 6						
	2-Methylpropionaldehyde see iso-Butyraldehyde						
10	Methyl propionate min. 99,9% for gas chromatography <i>Méthyle propionate / Metilo propionato</i>	FL. 2914	5 ml	49,25	41,85	39,40	36,95
1993 2	<chem>CH3CH2COOCH3</chem> <chem>C4H8O2</chem> $M = 88,11$ g/mol 1 L ≈ 0,91 kg  R: 11 S: 16-23-29-33 disposal: 6						
	2-Methylpropionic acid see Isobutyric acid						
	1-Methyl-3-propionylbenzene see 3-Methylpropiophenone						

Code-Number
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C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

63901 3-Methylpropiophenone PROSYNTH®
3-Méthylpropiophénone / 3-Metilpropiofenona
CH3C6H4COCH2CH3
C10H12O $M = 148,20 \text{ g/mol}$ 1 L ≈ 0,99 kg
assay (GC) 98%
boiling range (at 27 mbar) 113–115 °C
refractive index (n_D^{20}) 1,525

FL.
2913

50 ml 105,50 89,70 84,40 79,

30814 Methyl n-propyl ketone min. 99,9% for gas chromatography
Méthyl n-propylcétone / Metil n-propilcetona
CH3COCH2CH2CH3
C5H10O $M = 86,13 \text{ g/mol}$ 1 L ≈ 0,81 kg
+7 °C

FL.
2913

5 ml 49,25 41,85 39,40 36,9



R: 11 S: 9-16-33
disposal: 6

30816 Methyl iso-propyl ketone min. 99,9% for gas chromatography
Méthyl iso-propylcétone / Metil iso-propilcetona
(CH3)2CHCOCH3
C5H10O $M = 86,13 \text{ g/mol}$ 1 L ≈ 0,81 kg
-3 °C

FL.
2913

5 ml 49,25 41,85 39,40 36,9



R: 11 S: 9-16-33
disposal: 6

60224 Methyl propyl ketone PROSYNTH®
Méthyl propylcétone / Metil propilcetona
CH3COCH2CH2CH3
C5H10O $M = 86,13 \text{ g/mol}$ 1 L ≈ 0,81 kg
+7 °C
assay (GC) 98%
boiling range 100–103 °C

FL.
FL.
2913

250 ml 12,— 10,20 9,60 9,
2,5 L 86,50 71,80 67,45 64,9



R: 11 S: 9-16-33
disposal: 6

65053 2-Methylpyrazine PROSYNTH®
2-Méthylpyrazine / 2-Metilpirazina
CH3C(=N)N=CH
C5H6N2 $M = 94,12 \text{ g/mol}$ 1 L ≈ 1,03 kg
+50 °C
assay (GC) 99%
boiling range 134–136 °C
refractive index (n_D^{20}) 1,504

FL.
2935

5 ml 41,25 35,05 33,— 30,9

2-Methylpyridine see 2-Picoline

3-Methylpyridine see 3-Picoline

4-Methylpyridine see 4-Picoline

64714 3-Methylpyridine 1-oxide PROSYNTH®
Méthyl-3-pyridine-1 oxyde / 3-Metilpiridina 1-óxido
ON=CHC(CH3)=CHCH=CH
C6H7NO $M = 109,13 \text{ g/mol}$
assay (GC) 98%
melting range 37–39 °C
keep in refrigerator
à stocker dans le réfrigérateur
almacenaje en la nevera



WG.
2935

50 g 29,25 24,85 23,40 21,9

Methyl-α-pyridyl ketone see 2-Acetylpyridine

Methyl-β-pyridyl ketone see 3-Acetylpyridine

Methyl-γ-pyridyl ketone see 4-Acetylpyridine

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2835	1-Methylpyrrol PROSYNTH® 1-Méthylpyrrole / 1-Metilpirrol $\text{CH}_3\text{NCH}=\text{CHCH}=\text{CH}$ $\text{C}_5\text{H}_7\text{N}$ $M=81,12$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 99% boiling range 111–113 °C refractive index (n_D^{20}) 1,488  R: 11 S: 9-16-33 disposal: 6	FL. 2935	100 ml	47,—	39,95	37,60	35,25
3657	N-Methylpyrrolaldehyde-(2) PROSYNTH® N-Méthylpyrrolaldéhyde-(2) / N-Metilpirrolaldehido-(2) $\text{CH}_3\text{NC}(\text{CHO})=\text{CHCH}=\text{CH}$ $\text{C}_6\text{H}_7\text{NO}$ $M=109,13$ g/mol $1\text{ L} \approx 1,07$ kg assay (GC) 99% boiling range (at 29 mbar) 87–90 °C refractive index (n_D^{20}) 1,561 3-(N-Methyl-α-pyrrolidinyI)-pyridine see Nicotine	FL. 2935	5 ml	58,50	49,75	46,80	43,90
5780	N-Methylpyrrolidone-(2) N-Méthylpyrrolidone-(2) / N-Metilpirrolidona-(2) $\text{CH}_3\text{N}(\text{CH}_2)_3\text{CO}$ $\text{C}_5\text{H}_9\text{NO}$ $M=99,13$ g/mol $1\text{ L} \approx 1,03$ kg assay (GC) 99,5% boiling range 202–205 °C density (D_4^{20}) 1,032–1,033 refractive index (n_D^{20}) 1,4690–1,4710  R: 36/38 S: 41 disposal: 6	FL. FL. EKL. F. 2935	1 L 2,5 L 30 kg 210 kg	34,— 72,— price on request price on request	28,90 59,75	27,20 56,15	26,20 54,—
63659	Methyl pyruvate PROSYNTH® Méthyle pyruvate / Metilo piruvato $\text{CH}_3\text{COCOCH}_3$ $\text{C}_4\text{H}_6\text{O}_3$ $M=102,09$ g/mol $1\text{ L} \approx 1,01$ kg assay (GC) 97% boiling range 134–136 °C refractive index (n_D^{20}) 1,406 R: 10 disposal: 6	FL. 2916	25 ml	22,—	18,70	17,60	16,50
53646	3-Methyl iso-quinoline PROSYNTH® 3-Méthyl iso-quinoléine / 3-Metil iso-quinolina $\text{C}_6\text{H}_4\text{CH}=\text{C}(\text{CH}_3)\text{N}=\text{CH}$ $\text{C}_{10}\text{H}_9\text{N}$ $M=143,19$ g/mol assay (GC) 99% melting range 64–67 °C	WG. 2935	50 g	47,—	39,95	37,60	35,25
63660	6-Methylquinoline PROSYNTH® 6-Méthylquinoléine / 6-Metilquinolina $\text{CH}_3\text{C}_6\text{H}_3\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_{10}\text{H}_9\text{N}$ $M=143,19$ g/mol $1\text{ L} \approx 1,07$ kg assay (GC) 99% boiling range 256–258 °C refractive index (n_D^{20}) 1,614	FL. 2935	50 ml	38,—	32,30	30,40	28,50
63661	8-Methylquinoline PROSYNTH® 8-Méthylquinoléine / 8-Metilquinolina $\text{CH}_3\text{C}_6\text{H}_3\text{CH}=\text{CHCH}=\text{N}$ $\text{C}_{10}\text{H}_9\text{N}$ $M=143,19$ g/mol $1\text{ L} \approx 1,07$ kg assay (GC) 99% boiling range 245–248 °C refractive index (n_D^{20}) 1,614 2-Methyl-8-quinolinol see 8-Hydroxyquinaldine	FL. 2935	25 ml	55,50	47,20	44,40	41,65

Code-Number
A) RID/ADR
B) CCE/CCVS
C) IMDG CODE (CCVS see)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)





24x
(16 Boxes)

96
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96 (16 Boxes)
63662	2-Methylquinoxaline PROSYNTH® <i>2-Méthylquinoxaline / 2-Metilquinoxalina</i> $C_8H_5N = C(CH_3)CH = N$ $C_8H_5N_2$ $M = 144,18$ g/mol $1 L \approx 1,11$ kg assay (GC) 97% boiling range 245–247 °C refractive index (n_D^{20}) 1,614	FL. 2935	25 ml	60,—	51,—	48,—	45,—
	2-Methylquioniline see Quinaldine						
32654	Methyl red indicator, Reag. Ph. Eur. I (C. I. No. 13020, S. No. 250) <i>Rouge de méthyle / Rojo de metilo</i> $HOOC C_6H_4N = NC_6H_4N(CH_3)_2$ $C_{15}H_{15}N_3O_2$ $M = 269,30$ g/mol	WG. WG. 2928	25 g 100 g	11,75 29,50	10,— 25,10	9,40 23,60	8,— 22,—
32655	Methyl red sodium salt indicator (C. I. No. 13020, S. No. 250) <i>Rouge de méthyle, sel de sodium / Rojo de metilo, sal de sódica</i> $NaOOC C_6H_4N = NC_6H_4N(CH_3)_2$ $C_{15}H_{14}N_3NaO_2$ $M = 291,28$ g/mol	WG. WG. 3205	25 g 100 g	17,50 52,50	14,90 44,65	14,— 42,—	13,— 39,—
	2-Methylresorcinol see 2,6-Dihydroxytoluene						
64105	N-Methylrhodanine PROSYNTH® <i>N-Méthylrhodanine / N-Metilrodanina</i> $C_4H_5NOS_2$ $M = 147,21$ g/mol	WG. 2935	5 g	42,75	36,35	34,20	32,—
	Methylrosaniline see Gentian violet						
27305 A 3/4 + 98 °C	Methyl salicylate Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Méthyle salicylate / Metilo salicilato</i> $C_8H_8(COOCH_3)(OH)$ $C_8H_8O_3$ $M = 152,15$ g/mol $1 L \approx 1,18$ kg assay (GC) 99,5% boiling range 218–221 °C density (D_4^{20}) 1,180–1,185 refractive index (n_D^{20}) 1,5350–1,5380 free acid (as $C_7H_6O_3$) 0,05%	FL. FPF. 2916	1 L 30 kg	24,— price on request	20,40	19,20	18,—
30851	Methyl stearate min. 99,9% for gas chromatography <i>Méthyle stéarate / Metilo estearato</i> $CH_3(CH_2)_{16}COOCH_3$ $C_{19}H_{38}O_2$ $M = 298,51$ g/mol	FL. 2914	1 g	26,25	22,30	21,—	19,—
63664	Methyl stearate PROSYNTH® <i>Méthyle stéarate / Metilo estearato</i> $CH_3(CH_2)_{16}COOCH_3$ $C_{19}H_{38}O_2$ $M = 298,51$ g/mol assay (GC) 99% melting range 38–40 °C	A. 2914	1 g	12,75	10,85	10,20	9,—
63811 A 3/4 C 3.3 1993 2 + 60 °C	Methylstyrene PROSYNTH® (mixture of isomers) <i>Méthylstyrène / Metilestireno</i> $CH_3C_6H_4CH = CH_2$ C_9H_{10} $M = 118,18$ g/mol $1 L \approx 0,90$ kg 1,3-isomer 60% 1,4-isomer 40% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2901	1 L	17,75	15,10	14,20	13,60



R: 20 S: 24
disposal: 6

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
2836 A 3/3 C 3.3 2303 3 -46°C	α-Methylstyrene PROSYNTH® stabilized with 2,4/dimethyl-6- tert.-butylphenol (10 mg/l) α-Méthylstyrène / α-Metilestireno $C_6H_5C(CH_3)=CH_2$ C_9H_{10} $M = 118,18$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 99% boiling range 164–166 °C refractive index (n_D^{20}) 1,538 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 10-36/37 disposal: 6	FL. 2901	1 L	28,—	23,80	22,40	21,55
63902 A 3/3 C 3.3 1993 2 +47°C	2-Methylstyrene PROSYNTH® stabilized with 4-tert.- butylpyrocatechol (1 g/l) 2-Méthylstyrène / 2-Metilestireno $CH_3C_6H_4CH=CH_2$ C_9H_{10} $M = 118,18$ g/mol $1\text{ L} \approx 0,91$ kg assay (GC) 97% boiling range 169–171 °C refractive index (n_D^{20}) 1,544 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20 S: 24 disposal: 6	FL. 2901	5 ml	27,25	23,15	21,80	20,45
63903 A 3/3 C 3.3 1993 2 +52°C	3-Methylstyrene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol (1 g/l) 3-Méthylstyrène / 3-Metilestireno $CH_3C_6H_4CH=CH_2$ C_9H_{10} $M = 118,18$ g/mol $1\text{ L} \approx 0,90$ kg assay (GC) 97% boiling range 168–170 °C refractive index (n_D^{20}) 1,501 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20 S: 24 disposal: 6	FL. 2901	5 ml	32,75	27,85	26,20	24,55
63904 A 3/3 C 3.3 1993 2 +46°C	4-Methylstyrene PROSYNTH® stabilized with 4-tert.- butylpyrocatechol (1 g/l) 4-Méthylstyrène / 4-Metilestireno $CH_3C_6H_4CH=CH_2$ C_9H_{10} $M = 118,18$ g/mol $1\text{ L} \approx 0,90$ kg assay (GC) 97% boiling range 171–174 °C refractive index (n_D^{20}) 1,542 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20 S: 24 disposal: 6	FL. 2901	5 ml	25,25	21,45	20,20	18,95
64709	2-Methylsuccinic acid PROSYNTH® Acide méthyl-2-succinique / Acido 2-metilsuccínico $HOOCCH(CH_3)CH_2COOH$ $C_5H_8O_4$ $M = 132,12$ g/mol assay (GC) 99% melting range 115–117 °C Methyl sulphate see Dimethyl sulphate	WG. 2915	50 g	27,75	23,60	22,20	20,80

Code-Number
A) RICH-AOR
B) GGV/AGVS
C) MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)

64715 **3-Methylsulpholane PROSYNTH®**
3-Méthylsulfolane / 3-Metilsulfolano
CH2CH(CH3)CH2CH2SO2
C5H10O2S $M = 134,20$ g/mol $1\text{ L} \approx 1,19$ kg
assay (GC) 98%
boiling range 274–276 °C
refractive index (n_D^{20}) 1,477
Methylsulphonic acid see Methanesulphonic acid
Methylsulphoxide see Dimethyl sulphoxide

64716 **N-Methyltaurine PROSYNTH®**
N-Méthyltaurine / N-Metiltaurina
CH3NHCH2CH2SO3H
C3H9NO3S $M = 139,17$ g/mol

61110 **Methyl 4-tetrafluoroethoxybenzoate PROSYNTH®**
Méthyle 4-tétrafluoroéthoxybenzoate / Metilo 4-tetrafluoroetoxibenzoato
C6H4(COOCH3)(OCF2CF2H)
C10H8F4O3 $M = 252,17$ g/mol $1\text{ L} \approx 1,37$ kg
assay (GC) 98%
boiling range (at 15 mbar) 112–114 °C

63665 **2-Methyltetrahydrofuran PROSYNTH® stabilized with hydroquinone (1 g/l)**
2-Méthyltétrahydrofuranne / 2-Metiltetrahidrofurano
O(CH2)3CHCH3
C5H10O $M = 86,13$ g/mol $1\text{ L} \approx 0,85$ kg
assay (GC) 99%
boiling range 78–80 °C
refractive index (n_D^{20}) 1,406



R: 11-19-36/37 S: 16-29-33
disposal: 6

60406 **Methyl iso-thiocyanate PROSYNTH®**
Méthyle iso-thiocyanate / Metilo iso-tiocianato
C2H3NS $M = 73,12$ g/mol
Gehalt (GC) 98%
assay (GC) 98%
melting range 33–35 °C

63094 **Methyl thioglycollate PROSYNTH®**
Méthyle thioglycolate / Metilo tioglicolato
HSCH2COOCH3
C3H6O2S $M = 106,14$ g/mol $1\text{ L} \approx 1,17$ kg
assay (GC) 98%
boiling range 146–149 °C
refractive index (n_D^{20}) 1,466
Methylthioninchloride see Methylen blue

62839 **2-Methylthiophene PROSYNTH®**
2-Méthylthiophène / 2-Metiltiofeno
SCH=CHCH=CCH3
C5H6S $M = 98,17$ g/mol $1\text{ L} \approx 1,02$ kg
assay (GC) 98%
boiling range 111–113 °C
refractive index (n_D^{20}) 1,520



R: 11-20/21/22 S: 26-28
disposal: 6

FL.
2935

WG.
2922

FL.
2916

FL.
2935

FL.
2931

FL.
2931

FL.
2935

25 ml 41,25 35,05 33,— 30,9

100 g 109,— 92,65 87,20 81,7






100 ml 95,— 80,75 76,— 71,2

100 ml 18,75 15,95 15,— 14,0

100 ml 126,50 107,55 101,20 94,9

100 ml 13,25 11,25 10,60 9,9

100 ml 120,— 102,— 96,— 90,—

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
4717 3/1A C 3.2 1992 2 +12 °C	3-Methylthiophene PROSYNTH® <i>3-Méthylthiophène / 3-Metiltiofeno</i> $\text{SCH}=\text{C}(\text{CH}_3)\text{CH}=\text{CH}$ $\text{C}_5\text{H}_6\text{S}$ $M=98,17$ g/mol $1\text{ L} \approx 1,02$ kg assay (GC) 98% boiling range 114–116 °C refractive index (n_D^{20}) 1,520   R: 11-20/21/22 S: 26-28 disposal: 6	FL. 2935	10 ml	22,—	18,70	17,60	16,50
62840	4-Methyl-2-thiouracil PROSYNTH® <i>4-Méthyl-2-thiouracile / 4-Metil-2-tiouracilo</i> $\text{N}=\text{C}(\text{SH})\text{N}=\text{C}(\text{OH})\text{CH}=\text{CCH}_3$ $\text{C}_5\text{H}_6\text{N}_2\text{OS}$ $M=142,18$ g/mol assay (ex S) 98% melting range 328–330 °C (disint.)	PF. 2935	250 g	26,50	22,55	21,20	19,90
62838	N-Methylthiourea PROSYNTH® <i>N-Méthylthiourée / N-Metiltiourea</i> $\text{NH}_2\text{CSNHCH}_3$ $\text{C}_2\text{H}_6\text{N}_2\text{S}$ $M=90,15$ g/mol assay (ex S) 98% melting range 118–121 °C	WG. 2931	10 g	13,25	11,25	10,60	9,95
33460	Methyl thymol blue <i>Bleu de méthylthymol / Azul de metiltimol</i> $\text{C}_{37}\text{H}_{40}\text{N}_2\text{Na}_4\text{O}_{13}\text{S}$ $M=844,75$ g/mol	FL. WG. 2937	1 g 5 g	15,50 59,—	13,20 50,15	12,40 47,20	11,65 44,25
63108	Methyl-4-toluenesulphonate PROSYNTH® <i>Méthyle-4-toluènesulfonate / Metilo-4-toluenosulfonato</i> $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{OCH}_3$ $\text{C}_8\text{H}_{10}\text{O}_3\text{S}$ $M=186,23$ g/mol $1\text{ L} \approx 1,23$ kg assay (GC) 97% melting range 25–27 °C	FL. 2903	250 ml	29,50	25,10	23,60	22,15
30810	Methyl tridecanoate min. 99,9% for gas chromatography <i>Méthyle tridécanoate / Metilo tridecanoato</i> $\text{CH}_3(\text{CH}_2)_{11}\text{COOCH}_3$ $\text{C}_{14}\text{H}_{28}\text{O}_2$ $M=228,37$ g/mol	FL. 2914	5 ml	49,25	41,85	39,40	36,95
61376 A 3/1A C 3.2 1993 2 -17 °C	Methyl trifluoroacetate PROSYNTH® <i>Méthyle trifluoroacétate / Metilo trifluoroacetato</i> $\text{CF}_3\text{COOCH}_3$ $\text{C}_3\text{H}_3\text{F}_3\text{O}_2$ $M=128,05$ g/mol $1\text{ L} \approx 1,28$ kg assay (GC) 99% boiling range 42–44 °C refractive index (n_D^{20}) 1,291   R: 11-26/27/28 S: 7/9-29-45 disposal: 7	FL. 2914	100 ml	90,—	76,50	72,—	67,50
61399 A 6.1/13B C 6.1 2810 1	Methyl trifluoromethanesulphonate PROSYNTH® <i>Méthyle trifluorométhanesulfonate / Metilo trifluorometanosulfonato</i> $\text{CF}_3\text{SO}_2\text{OCH}_3$ $\text{C}_2\text{H}_3\text{F}_3\text{O}_3\text{S}$ $M=164,10$ g/mol $1\text{ L} \approx 1,50$ kg  R: 23/24/25 S: 44 disposal: 7	FL. 2921	10 ml	59,50	50,60	47,60	44,65
15725	Methyltrioctylammonium chloride phase transfer catalyst <i>Méthyltrioctylammonium chlorure / Metiltrioctilamonio cloruro</i> R: primarily C_8H_{17} but also $\text{C}_{10}\text{H}_{21}$ $\text{CH}_3\text{R}_3\text{NCl}$ mean $M=442$ g/mol $1\text{ L} \approx 0,89$ kg assay ex Cl 84% water 4%	FL. 2924	500 ml	49,—	41,65	39,20	37,75

Code Number
A) HSD, AOH
B) GGVE, GGVS
C) IMDG CODE (GGVS=)

Type of package
B.T.N.

Price per
package DM




1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

62842	Methyltriphenylphosphonium bromide PROSYNTH® <i>Méthyltriphénylphosphonium bromure /</i> <i>Metiltrifenilfosfonio bromuro</i> $\text{CH}_3\text{P}(\text{C}_6\text{H}_5)_3\text{Br}$ $\text{C}_{19}\text{H}_{15}\text{BrP}$ $M = 357,23 \text{ g/mol}$ assay (ex Br) 99% melting range 230–233 °C	WG. 2934	100 g	44,75	38,05	35,80	33,00
39096	Methyl-L-tyrosinate hydrochloride BIOSYNTH® <i>Méthyle L-tyrosinate chlorhydrate / Metilo L-tirosinato</i> <i>cloridrato</i> $\text{HOC}_6\text{H}_4\text{CH}_2\text{CH}(\text{NH}_2)\text{COOCH}_3 \cdot \text{HCl}$ $\text{C}_{10}\text{H}_{14}\text{ClNO}_3$ $M = 231,68 \text{ g/mol}$ assay (ex N) 98% melting range 188–190 °C specific rotation ($[\alpha]_D^{20}$; $c=3$ in $\text{C}_5\text{H}_5\text{N}$) $+72^\circ \pm 3^\circ$	WG. 2923	10 g	15,75	13,40	12,60	11,00
62843	α-Methyl-DL-tyrosine PROSYNTH® <i>α-Méthyl-DL-tyrosine / α-Metil-DL-tirosina</i> $\text{HOC}_6\text{H}_4\text{CH}_2\text{C}(\text{CH}_3)(\text{NH}_2)\text{COOH}$ $\text{C}_{10}\text{H}_{13}\text{NO}_3$ $M = 195,22 \text{ g/mol}$ assay (HPLC) 98%	FL. 2923	1 g	50,50	42,95	40,40	37,00
64108	4-Methylumbelliferone PROSYNTH® <i>4-Méthylumbelliférone / 4-Metilumbelliferona</i> $\text{HO}_2\text{C}_6\text{H}_3\text{OCOCH}=\text{CCH}_3$ $\text{C}_{10}\text{H}_8\text{O}_3$ $M = 176,17 \text{ g/mol}$ assay 97% melting range 185–187 °C	WG. 2935	250 g	69,—	58,65	55,20	51,—
30808	Methyl undecanoate min. 99,9% for gas chromatography <i>Méthyle undécanoate / Metilo undecanoato</i> $\text{CH}_3(\text{CH}_2)_9\text{COOCH}_3$ $\text{C}_{12}\text{H}_{24}\text{O}_2$ $M = 200,32 \text{ g/mol}$ Methylundecyl ketone see Tridecanone-(2)	FL. 2914	5 ml	49,25	41,85	39,40	36,—
39235	6-Methyluracil BIOSYNTH® <i>6-Méthyluracile / 6-Metiluracilo</i> $\text{NHCONHCOCH}=\text{CCH}_3$ $\text{C}_5\text{H}_6\text{N}_2\text{O}_2$ $M = 126,11 \text{ g/mol}$ assay (UV) 97% log $\epsilon/274$ (NaOH 0,1 mol/l) 3,817	WG. 2935	100 g	46,50	39,55	37,20	34,—
60219	Methylurea PROSYNTH® <i>Méthylurée / Metilurea</i> $\text{CH}_3\text{NHCONH}_2$ $\text{C}_2\text{H}_6\text{N}_2\text{O}$ $M = 74,08 \text{ g/mol}$ assay (ex N) 98% melting range 96–99 °C 2-Methylvaleraldehyde see 2-Methylpentanal	PF. 2925	500 g	60,—	51,—	48,—	46,—
30801 A 3/3 C 3.3 1993 2 + 27 °C	Methyl valerate min. 99,9% for gas chromatography <i>Méthyle valérate / Metilo valeriato</i> $\text{CH}_3(\text{CH}_2)_3\text{COOCH}_3$ $\text{C}_8\text{H}_{16}\text{O}_2$ $M = 116,16 \text{ g/mol}$ $1 \text{ L} \approx 0,89 \text{ kg}$ R: 10 disposal: 6 1-Methyl-2-vinylbenzene see 2-Methylstyrene 1-Methyl-3-vinylbenzene see 3-Methylstyrene 1-Methyl-4-vinylbenzene see 4-Methylstyrene	FL. 2914	5 ml	49,25	41,85	39,40	36,—

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
844	Methyl vinyl ketone 90% in water PROSYNTH® stabilized with hydroquinone (1 g/l), acetic acid (1 g/l) and acetonitrile (0,5 g/l) <i>Methylvinylcétone / Metilvinilcetona</i> $\text{CH}_2 = \text{CHCOCH}_3$ $\text{C}_4\text{H}_6\text{O}$ $M = 70,09$ g/mol $1 \text{ L} \approx 0,86$ kg assay (GC) 97% boiling range $80 - 82^\circ\text{C}$ refractive index (n_D^{20}) 1,413  R: 11 S: 7-16 disposal: 6	FL. 2913	250 ml	45,25	38,45	36,20	33,95
2678	Methyl violet 6 B (C. I. No. 42535) <i>Violet de méthyle 6 B / Violeta de metilo 6 B</i>	WG. WG. 3205	25 g 100 g	9,50 18,—	8,10 15,30	7,60 14,40	7,15 13,50
3914	Methyl viologen redox indicator <i>Méthylviologène / Metilviologeno</i> $\text{CH} = \text{CHNCH}_3(\text{Cl}) = \text{CHCH} = \text{CC} = \text{CHCH} = \text{NCH}_3(\text{Cl})\text{CH} = \text{CH}$ $\text{C}_{12}\text{H}_{14}\text{Cl}_2\text{N}_2$ $M = 257,16$ g/mol	FL. 3205	1 g	30,25	25,70	24,20	22,70
	Methylyellow(di) see 4-Dimethylaminoazobenzene						
5806	Metobromuron min. 99% PESTANAL® [3-(4-Bromophenyl)-1-methoxy-1-methylurea] $\text{BrC}_6\text{H}_4\text{NHCON}(\text{OCH}_3)\text{CH}_3$ $\text{C}_9\text{H}_{11}\text{BrN}_2\text{O}_2$ $M = 259,10$ g/mol	FL. 2925	1 g	28,25	24,—	22,60	21,20
	Metol see ECOL®	FL.	2 g	56,50	48,05	45,20	42,40
35894	Mevinphos mixture of <i>cis</i> -and <i>trans</i> -isomers min. 99% PESTANAL® (O,O-Dimethyl-O-[2-methoxycarbonyl-1-methylvinyl]-phosphoric acid ester) $(\text{CH}_3\text{O})_2\text{P}(\text{O})\text{OC}(\text{CH}_3) = \text{CHCOOCH}_3$ $\text{C}_7\text{H}_{13}\text{O}_6\text{P}$ $M = 224,15$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 26/27/28 S: 1-13-28-45 disposal: 7	2919					
6.1/81A							
6.1 1615 2							
	MIBK see Methyl <i>iso</i> -butyl ketone						
	Michaelis , standard acetate solution according to Michaelis see Buffer solution pH 4,62 (sodium acetate/acetic acid) according to Michaelis						
	Microcosmic salt see Sodium ammonium hydrogen phosphate						
	Micro-Vessel (glass) see Vessel (glass)						
	Milk sugar see D(+)-Lactose						
6051	Millon's reagent on proteines <i>Réactif de Millon de l'albumine / Reactivo de Millon de la albumina</i> $1 \text{ L} \approx 1,54$ kg  R: 26/27/28-33 S: 1/2-13-28-45 disposal: 26	FL. 3819	250 ml	80,—	68,—	64,—	60,—
6.1/53							
6.1 1625 2							
	Minium see Lead(II,IV) oxide						
	Mirbane oil see Nitrobenzene						
	Mixed indicator see Cooper's indicator						
	Mohr's salt see Ammonium iron(II) sulphate						

Code-Number
 A) RHD/ADR
 B) DVE/DOVS
 C) IMDG-CODE (GGVSee)

Type of package
 B.T.N.


Price per
 package DM

1x

6x
 (1 Box)

24x
 (4 Boxes)

96
 (16 Boxes)

Code-Number	Description	Type of package B.T.N.	1 kg	82,—	69,70	65,60	63
31811	Molecular sieve 0,3 nm (3Å), pearl-shaped, grain-size abt. 2 mm <i>Tamis moléculaire / Tamiz molecular</i>	BL. 3819	1 kg	82,—	69,70	65,60	63
31812	Molecular sieve 0,4 nm (4Å), pearl-shaped, grain-size abt. 2 mm <i>Tamis moléculaire / Tamiz molecular</i>	BL. 3819	1 kg	82,—	69,70	65,60	63
31813	Molecular sieve 0,5 nm (5Å), pearl-shaped, grain-size abt. 2 mm <i>Tamis moléculaire / Tamiz molecular</i>	BL. 3819	1 kg	82,—	69,70	65,60	63
31814	Molecular sieve 0,5 nm (5 Å) grain-size abt. 0,5 mm for gas chromatography <i>Tamis moléculaire / Tamiz molecular</i>	BL. 3819	50 g	9,50	8,10	7,60	7
13309	Molybdenum chem. pure powder <i>Molybdène / Molibdeno</i> Mo M = 95,94 g/mol assay 99,7% residue on chloration 0,05% copper (Cu) 0,005% iron (Fe) 0,005%	PF. PF. 8102	100 g 500 g	price on request price on request			
38632	0,100 g Molybdenum FIXANAL® water-soluble standard for atom absorption <i>0,100 g Molybdène / 0,100 g Molibdeno</i> ampoule	3819	1 pack	10,25	8,70	8,20	7
38668 A 3/3 C 3.3 1115 2 +25 °C	0,100 g organo-Molybdenum FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Molybdène / 0,100 g organo-Molibdeno</i> R: 10 ampoule	3819	1 pack	33,75	28,70	27,—	25
38568	1,00 g Molybdenum FIXANAL® watersoluble standard for atom absorption <i>1,00 g Molybdène / 1,00 g Molibdeno</i> ampoule	3819	1 pack	10,25	8,70	8,20	7
10437 A 8/12 C 8 2508 3	Molybdenum(V) chloride <i>Molybdène(V) chlorure / Molibdeno(V) cloruro</i> MoCl ₅ M = 273,21 g/mol	WG. 2830	100 g	price on request			
64720 A 6.1/5 C 6.1 2811 2	Molybdenumhexacarbonyl PROSYNTH® <i>Molybdènehexacarbonyl / Molibdenohexacarbonilo</i> Mo(CO) ₆ CaMoO ₆ M = 264,00 g/mol assay (ex Mo) 99% melting range 148—150 °C (disint.)  R: 23/24/25 S: 44 disposal: 10	WG. 2934	50 g	price on request			
31427	Molybdenum(VI) oxide R. G. <i>Molybdène(VI) oxyde / Molibdeno(VI) óxido</i> MoO ₃ M = 143,94 g/mol assay of MoO ₃ min. 99,5% ammonium (NH ₄) max. 0,005% lead (Pb) max. 0,001% iron (Fe) max. 0,0005% chloride (Cl) max. 0,002% phosphate, arsenate and silicate (as PO ₄) max. 0,002% sulphate (SO ₄) max. 0,01%	PF. PF. 2828	100 g 500 g	price on request price on request			

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		1x	6x	24x	96x
			(1 Box)	(4 Boxes)	(16 Boxes)
307	Molybdenum(VI) oxide chem. pure <i>Molybdène(VI) oxyde / Molibdeno(VI) óxido</i> MoO_3 $M = 143,94 \text{ g/mol}$ assay 99% ammonium (NH_4) 0,01% iron (Fe) 0,002% chloride (Cl) 0,005% phosphate, arsenate, silicate (as PO_4) 0,002% sulphate (SO_4) 0,02%	PF. PF. 2828	250 g 1 kg	price on request price on request	
312	Molybdenum(IV) sulphide chem. pure powder <i>Molybdène(IV) sulfure / Molibdeno(IV) sulfuro</i> MoS_2 $M = 160,07 \text{ g/mol}$ assay 99,5% silicic acid (SiO_2) 0,05%	PF. PF. PF. 2601	100 g 250 g 1 kg	price on request price on request price on request	
314	Molybdenum(IV) sulphide powder <i>Molybdène(IV) sulfure / Molibdeno(IV) sulfuro</i> MoS_2 $M = 160,07 \text{ g/mol}$ assay of MoS_2 95% insoluble in acid 5%	PF. 2601	500 g	price on request	
331	Molybdenyl acetylacetonate PROSYNTH® <i>Molybdényle acétylacétonate / Molibdenilo acetilacetonato</i> $\text{C}_{10}\text{H}_{14}\text{MoO}_6$ $M = 326,16 \text{ g/mol}$ assay (ex Mo) 99% melting range 179–181 °C (disint.)	WG. 2934	100 g	price on request	
3311	Molybdic acid abt. 85% MoO_3 (commercial grade, contains ammonium molybdate) <i>Acide molybdique / Acido molibdico</i> assay of MoO_3 85% assay of ammonium (NH_4) 7% iron (Fe) 0,005% chloride (Cl) 0,01% phosphate, arsenate, silicate (as PO_4) 0,005% sulphate (SO_4) 0,02%	WG. WG. WG. 2828	100 g 500 g 1 kg	price on request price on request price on request	
	Molybdic anhydride see Molybdenum(VI) oxide				
	α-Monoacetine see Glycerol-1-monoacetate				
	Monobromoacetic acid see Bromoacetic acid				
	Monobromobenzene see Bromobenzene				
	Monobutylamine see <i>n</i> -Butylamine				
	Monocalcium phosphate see Calciumbis(dihydrogen phosphate)				
	α-Monochlorhydrin see 3-Chloropropanediol-(1,2)				
	Monochloroacetic acid see Chloroacetic acid				
	Monochlorobenzene see Chlorobenzene mono				
	Monochlorophenol see 2-Chlorophenol				
	Monodeuteroacetic acid see Acetic acid- D_1				
	Monodeuteroethanol see Ethanol- D_1				
	Monodeuteroethanol absolute see Ethanol- D_1 absolute				
	Monodeuteromethanol see Methanol- D_1				
	Monodeuteromethanol see Methanol- D_1				
	Monoethanolamine see 2-Aminoethanol				
	Monoethylamine solution see Ethylamine solution				
	Monoiodoethane see Iodoethane				

Code-Number
A) RHD/ADR
B) GSV/EGVS
C) MDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

Code-Number	Description	Type of package B.T.N.	1 g	21,50	18,30	17,20	16
35744	Monolinuron min. 99% PESTANAL® [3-(4-Chlorophenyl)-1-methoxy-1-methylurea] $\text{ClC}_6\text{H}_4\text{NHCON}(\text{OCH}_3)\text{CH}_3$ $\text{C}_9\text{H}_{11}\text{ClN}_2\text{O}_2$ $M = 214,65$ g/mol  R: 20/21/22 S: 2-13 disposal: 7 Monomethylamine solution see Methylamine solution Monomethyl-p-aminophenol sulphate see ECOL® Monomethylaniline see Methylaniline Monomethylethanolamine see N-Methylethanolamine	FL. 2925	1 g	21,50	18,30	17,20	16
64669	Monomethyl malonate potassium salt PROSYNTH® <i>Monométhyle malonate sel potassique / Monometilo malonato sal potásica</i> $\text{CH}_3\text{OCOCH}_2\text{COOK}$ $\text{C}_4\text{H}_5\text{KO}_4$ $M = 156,18$ g/mol assay 99% Mononitronaphthalene see 1-Nitronaphthalene Monopotassium phosphate see Potassium dihydrogen phosphate Mono-iso-propylamine solution see iso-Propylamine solution Monosodium phosphate see Sodium dihydrogen phosphate Monotertiary-butylpyrocatechol see 4-tert.-Butylpyrocatechol	PF. 2915	50 g	58,50	49,75	46,80	43
35819	Monuron min. 99% PESTANAL® [3-(4-Chlorophenyl)-1,1-dimethyl-urea] $\text{ClC}_6\text{H}_4\text{NHCON}(\text{CH}_3)_2$ $\text{C}_9\text{H}_{11}\text{ClN}_2\text{O}$ $M = 198,65$ g/mol Mordant black 11 see Eriochrome black T	FL. 2925	1 g	28,25	24,—	22,60	21
33413	Morin R. G. (C. I. No. 75660, S. No. 1366) <i>Morine / Morina</i> $\text{QC}_6\text{H}_2(\text{OH})_2\text{COC}(\text{OH})=\text{C}_6\text{H}_3(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ $\text{C}_{15}\text{H}_{10}\text{O}_7 \cdot 2\text{H}_2\text{O}$ $M = 338,27$ g/mol melting point abt. 290 °C sulphated ash max. 1% suitability for determination of aluminium . passes test	WG. WG. 3205	5 g 10 g	18,75 32,—	15,95 27,20	15,— 25,60	14 24
15740	Morpholine <i>Morpholine / Morfolina</i> $\text{NHCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2$ $\text{C}_4\text{H}_9\text{NO}$ $M = 87,12$ g/mol assay 99% boiling range 127—129 °C density (D_4^{20}) 1,001—1,002 refractive index (n_D^{20}) 1,4530—1,4550  R: 10-20/21/22-34 S: 23-36 disposal: 19	FL. FL. STP. 2935	500 ml 2,5 L 55 kg	12,75 48,75 price on request	10,85 40,45	10,20 38,05	9 30
33751	MTT (Dimethylthiazolyldiphenyltetrazolium bromide)	FL. 2930	1 g	65,50	55,70	52,40	49
64834	Mucic acid PROSYNTH® <i>Acide mucique / Acido mónico</i> $\text{HOOC}(\text{CHOH})_4\text{COOH}$ $\text{C}_6\text{H}_{10}\text{O}_8$ $M = 210,14$ g/mol assay (alkalimetric) 99% melting range 211—213 °C (disint.)	WG. 2916	100 g	28,—	23,80	22,40	21

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			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
63667	Mucobromic acid PROSYNTH® <i>Acide mucobromique / Acido mucobromico</i> OHCCBr = CBrCOOH C ₄ H ₂ Br ₂ O ₃ M = 257,87 g/mol assay (alkalimetric) 97% melting range 123–126 °C	WG. 2916	25 g	38,—	32,30	30,40	28,50
63668	Mucochloric acid PROSYNTH® <i>Acide mucochlorique / Acido mucoclórico</i> OHCCCl = CCICOOH C ₄ H ₂ Cl ₂ O ₃ M = 168,96 g/mol assay (alkalimetric) 95% melting range 125–127 °C	WG. 2916	50 g	24,75	21,05	19,80	18,55
33414	Murexide for complexometry (C. I. No. 56085, S. No. 1138) <i>Murexide / Murexida</i> <u>CONHCONHCO</u> = <u>NC(OH₄)NHCONHCO</u> · H ₂ O C ₈ H ₈ N ₆ O ₆ · H ₂ O M = 302,20 g/mol	WG. WG. WG. 2926	5 g 10 g 25 g	11,— 18,— 40,—	9,35 15,30 34,—	8,80 14,40 32,—	8,25 13,50 30,—
Muriatic acid see Hydrochloric acid							
Muthmann's liquid see 1,1,2,2-Tetrabromoethane							
Myrcene see 7-Methyl-3-methylene-1,6-octadiene							
62847	Myristic acid PROSYNTH® <i>Acide myristique / Acido mirístico</i> CH ₃ (CH ₂) ₁₂ COOH C ₁₄ H ₂₈ O ₂ M = 228,37 g/mol assay (GC) 94% melting range 52–54 °C	PF. 2914	1 kg	36,75	31,25	29,40	28,30
Myristic acid nitrile see Myristonitrile							
Myriston see Ditridecyl ketone							
64722	Myristonitrile PROSYNTH® <i>Nitrile myristique / Miristoilo nitrilo</i> CH ₃ (CH ₂) ₁₂ CN C ₁₄ H ₂₇ N M = 209,37 g/mol 1 L ≈ 0,83 kg assay (GC) 99% boiling range (at 133 mbar) 225–227 °C refractive index (n _D ²⁰) 1,441	FL. 2927	50 ml	27,75	23,60	22,20	20,80
62848	Myristoyl chloride PROSYNTH® <i>Myristoyle chlorure / Miristoilo cloruro</i> CH ₃ (CH ₂) ₁₂ COCl C ₁₄ H ₂₇ ClO M = 246,82 g/mol 1 L ≈ 0,91 kg assay 98% boiling range (at 21 mbar) 173–175 °C refractive index (n _D ²⁵) 1,446	FL. 2914	100 ml	46,50	39,55	37,20	34,90
Myristyl alcohol see Tetradecyl alcohol							
NAA see Naphthylacetic acid							
NADP see Nicotinamide adenine dinucleotide phosphate							
Naphtha see Petroleum ether (petroleum benzine)							
63671	Naphthaldehyde-(1) PROSYNTH® <i>Naphtaldéhyde-(1) / Naftaldehido-(1)</i> C ₁₀ H ₇ CHO C ₁₁ H ₈ O M = 156,18 g/mol 1 L ≈ 1,14 kg assay (GC) 98% boiling range (at 13 mbar) 148–150 °C refractive index (n _D ²⁰) 1,651	FL. 2911	25 ml	57,—	48,45	45,60	42,75

63672	Naphthaldehyde-(2) PROSYNTH® <i>Naphtaldehyde-(2) / Naftaldehido-(2)</i> <chem>C10H7CHO</chem> <chem>C11H8O</chem> $M = 156,18 \text{ g/mol}$ assay (GC) 98% melting range 58–60 °C	2911						
56018	Naphthalene for scintillation <i>Naphtalène / Naftaleno</i> <chem>C10H8</chem> $M = 128,17 \text{ g/mol}$	2901	WG.	500 g	31,75	27,—	25,40	24,4
15801	Naphthalene pure white scales <i>Naphtalène / Naftaleno</i> <chem>C10H8</chem> $M = 128,17 \text{ g/mol}$ melting range 79–84 °C sulphated ash 0,05% phenols passes test foreign organic matters passes test	2901	BL. BL. S.	1 kg 2,5 kg 50 kg	17,50 36,25	14,90 30,10	14,— 28,30	13,5 27,2
09061	Naphthalene-d₈ deuteration degree not less than 99 atom % <i>D</i> <i>Naphtalène-d₈ / Naftaleno-d₈</i> <chem>C10D8</chem> $M = 136,11 \text{ g/mol}$	2851						
62850	Naphthalene-1-carboxylic acid PROSYNTH® <i>Acide naphtalène-1-carboxylique / Acido naftalenocarboxilico-(1)</i> <chem>C10H7COOH</chem> <chem>C11H8O2</chem> $M = 172,18 \text{ g/mol}$ assay (alkalimetric) 98% melting range 159–161 °C	2914	PF.	100 g	65,50	55,70	52,40	49,
62851	Naphthalene-2-carboxylic acid PROSYNTH® <i>Acide naphtalène-2-carboxylique / Acido naftalenocarboxilico-(2)</i> <chem>C10H7COOH</chem> <chem>C11H8O2</chem> $M = 172,18 \text{ g/mol}$ assay (alkalimetric) 98% melting range 182–185 °C	2914	WG.	10 g	16,—	13,60	12,80	12,
	Naphthalenecarboxylic acid chloride see Naphthoyl chloride							
63344	Naphthalenediamine-(1,5) PROSYNTH® <i>Naphtalènediamine-(1-5) / Naftalenodiamina-(1,5)</i> <chem>C10H8(NH2)2</chem> <chem>C10H10N2</chem> $M = 158,20 \text{ g/mol}$ assay (HPLC) 98% melting range 186–188 °C	2922	WG.	50 g	35,75	30,40	28,60	26,8
62854	Naphthalenediamine-(1,8) PROSYNTH® <i>Naphtalènediamine-(1-8) / Naftalenodiamina-(1,8)</i> <chem>C10H8(NH2)2</chem> <chem>C10H10N2</chem> $M = 158,20 \text{ g/mol}$	2922	WG.	25 g	12,—	10,20	9,60	9,
64110	Naphthalene-(2,3)-dicarboxylic acid PROSYNTH® <i>Acide naphtalènedicarboxylique-(2-3) / Acido naftalenodicarboxilico-(2,3)</i> <chem>C10H6(COOH)2</chem> <chem>C12H8O4</chem> $M = 216,19 \text{ g/mol}$ assay (alkalimetric) 97% melting range 239–241 °C	2915	WG.	5 g	36,—	30,60	28,80	27,
	Naphthalenediol see also Dihydroxynaphthalene							

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
63822	1,3-Naphthalenediol PROSYNTH® <i>Naphtalènediol-(1-3) / 1,3-Naftalenodiol</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (GC) 98% melting range 123—125 °C	WG. 2906	5 g	69,—	58,65	55,20	51,75
63821	1,4-Naphthalenediol PROSYNTH® <i>Naphtalènediol-(1-4) / 1,4-Naftalenodiol</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (HPLC) 95% melting range 187—190 °C (disint.)	WG. 2906	10 g	37,75	32,10	30,20	28,30
62855	1,5-Naphthalenediol PROSYNTH® <i>Naphtalènediol-1-5 / 1,5-Naftalenodiol</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (GC) 99% melting range 260—262 °C	PF. 2906	100 g	18,50	15,75	14,80	13,90
64980	1,6-Naphthalenediol PROSYNTH® <i>Naphtalènediol-1-6 / Naftalenodiol-1,6</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol	WG. 2906	50 g	43,50	37,—	34,80	32,65
64981	1,7-Naphthalenediol PROSYNTH® <i>Naphtalènediol-1-7 / Naftalenodiol-1,7</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (HPLC) 95% melting range 176—178 °C	WG. 2906	100 g	39,25	33,35	31,40	29,45
62856	2,3-Naphthalenediol PROSYNTH® <i>Naphtalènediol-2-3 / 2,3-Naftalenodiol</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (GC) 98% melting range 162—164 °C	WG. 2906	100 g	48,75	41,45	39,—	36,55
63823	2,6-Naphthalenediol PROSYNTH® <i>Naphtalènediol-(2-6) / Naftalenodiol-(2,6)</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (HPLC) 96% melting range 214—217 °C	WG. 2906	5 g	56,—	47,60	44,80	42,—
62857	2,7-Naphthalenediol PROSYNTH® <i>Naphtalènediol-2-7 / 2,7-Naftalenodiol</i> $C_{10}H_6(OH)_2$ $C_{10}H_8O_2$ $M = 160,17$ g/mol assay (GC) 95% melting range 181—184 °C	WG. 2906	100 g	31,75	27,—	25,40	23,80
α-Naphthalene monobromide see 1-Bromonaphthalene							
63673	Naphthalene-1,4,5,8-tetracarboxylic acid PROSYNTH® <i>Acide naphtalène-1-4-5-8-tétracarboxylique / Acido naftalenotetracarboxílico-(1,4,5,8)</i> $C_{10}H_4(COOH)_4$ $C_{14}H_8O_8$ $M = 304,21$ g/mol assay (alkalimetric) 90%	WG. 2915	25 g	27,—	22,95	21,60	20,25
Naphthamine G see Titan yellow							
63674	Naphthidine PROSYNTH® <i>Naphtidine / Naftidina</i> $C_{20}H_{16}N_2$ $M = 284,36$ g/mol assay (ex N) 97% melting range 198—200 °C	FL. 2922	1 g	43,75	37,20	35,—	32,80

Code Number
A) RLD ADR
B) GHS/CLP
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

33918	Naphthine see β-Naphthoquinoline α-Naphthoflavin redox indicator α-Naphthoflavone / α-Naftoflavona $C_{10}H_8OC(C_6H_5)=CHCO$ $C_{19}H_{12}O_2$ $M = 272,30$ g/mol	FL. 3205	1 g	24,75	21,05	19,80	18,5
33420	Naphthoic acid-(2) see Naphthalene-2-carboxylic acid Naphthoic acid-chloride see Naphthoyl chloride Naphthol-(1) R. G., Reag. Ph. Eur. I Naphtol-(1) / Naftol-(1) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol assay (GC) min. 99% melting range 95–97 °C sulphated ash max. 0,05% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% naphthalene max. 0,2% naphthol-(2) max. 0,5%	WG. WG. 2906	100 g 250 g	20,25 40,75	17,20 34,65	16,20 32,60	15,2 30,5
35825	Naphthol-(1) min. 99% PESTANAL® Naphtol-(1) / Naftol-(1) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol	FL. 2906	5 g	14,25	12,10	11,40	10,7
15802	Naphthol-(1) recryst. Erg. B. 6 Naphtol-(1) / Naftol-(1) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol	WG. WG. FTP. 2906	100 g 500 g 50 kg	12,75 39,25 price on request	10,85 33,35	10,20 31,40	9,5 30,2
15803	Naphthol-(1) purified Naphtol-(1) / Naftol-(1) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol	WG. BL. FTP. 2906	500 g 2,5 kg 50 kg	29,75 121,— price on request	25,30 100,45	23,80 94,40	22,9 90,7
33422	Naphthol-(2) R. G., Reag. Ph. Eur. I Naphtol-(2) / Naftol-(2) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol assay (GC) min. 99% melting range 121–123 °C sulphated ash max. 0,05% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% naphthalene max. 0,1% naphthol-(1) max. 0,1%	WG. WG. 2906	100 g 250 g	13,75 27,75	11,70 23,60	11,— 22,20	10,3 20,8
15805	<div data-bbox="248 2022 328 2106"></div> Naphthol-(2) purified powder Naphtol-(2) / Naftol-(2) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol <div data-bbox="248 2276 328 2361"></div> R: 20/22 S: 24/25 disposal: 6	WG. WG. BL. S. 2906	500 g 1 kg 2,5 kg 50 kg	21,50 39,25 87,— price on request	18,30 33,35 72,20	17,20 31,40 67,85	16,5 30,2 65,2
15871	Naphthol-(2) scales Naphtol-(2) / Naftol-(2) $C_{10}H_7(OH)$ $C_{10}H_8O$ $M = 144,17$ g/mol <div data-bbox="248 2545 328 2630"></div> R: 20/22 S: 24/25 disposal: 6	BL. S. 2906	2,5 kg 25 kg	76,50 price on request	63,50	59,65	57,4

Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
Naphtholaminosulphonic acid see 1-Amino-2-hydroxy-4-naphthalenesulphonic acid							
464	Naphthol-(1)-benzein R. G., Reag. Ph. Eur. I <i>Naphtol-1-benzéine / Naftol-1-benceína</i> $(C_{10}H_6OH)_2C(OH)C_6H_5$ $C_{27}H_{20}O_3$ $M = 392,45$ g/mol	WG. 2906	5 g	13,—	11,05	10,40	9,75
056	2-Naphthol-3,6-disulphonic acid disodium salt PROSYNTH® <i>Acide 2-naphtol-3-6-disulfonique sel disodique / Acido 2-naftol-3,6-disulfónico sal disódica</i> $HOC_{10}H_5(SO_3Na)_2$ $C_{10}H_6Na_2O_7S_2$ $M = 348,26$ g/mol	WG. 2907	100 g	16,25	13,80	13,—	12,20
2747	Naphthol green B for metal titration (C. I. No. 10020, S. No. 5) <i>Vert naphtol B / Verde de naftol B</i> $C_{30}H_{15}FeN_3Na_3O_{15}S_3$ $M = 878,47$ g/mol	WG. WG. 3205	50 g 100 g	11,25 20,—	9,55 17,—	9,— 16,—	8,45 15,—
2-Naphthol methylether see 2-Methoxynaphthalene							
3424	α-Naphtholphthalein indicator <i>α-Naphtolphtaléine / α-Naftolftaleína</i> $C_{28}H_{18}O_4$ $M = 418,45$ g/mol	WG. 2935	10 g	131,50	111,80	105,20	98,65
2604	Naphthol yellow S for microscopy <i>Jaune de naphtol S / Amarillo de naftol S</i> $(NO_2)_2C_{10}H_4(ONa)SO_3Na$ $C_{10}H_4N_2Na_2O_8S$ $M = 358,20$ g/mol	3205					
3675	1-Naphthonitrile PROSYNTH® <i>1-Naphtonitrile / 1-Naftonitrilo</i> $C_{10}H_7CN$ $C_{11}H_7N$ $M = 153,18$ g/mol assay (GC) 99% melting range 34—36 °C	WG. 2927	50 g	31,25	26,55	25,—	23,45
35058	2-Naphthonitrile PROSYNTH® <i>2-Naphtonitrile / 2-Naftonitrilo</i> $C_{10}H_7CN$ $C_{11}H_7N$ $M = 153,18$ g/mol	WG. 2927	5 g	40,75	34,65	32,60	30,55
33417	β-Naphthoquinoline R. G. (Naphthine) <i>β-Naphtoquinoléine / β-Naftoquinolina</i> $C_{13}H_9N$ $M = 179,22$ g/mol assay min. 99% melting range 90—93 °C insoluble in ethanol max. 0,005% sulphated ash max. 0,1% suitability for determination of metals passes test	PF. 2935	25 g	56,50	48,05	45,20	42,40
63905	1,2-Naphthoquinone PROSYNTH® <i>Naphtoquinone-1-2 / 1,2-Naftoquinona</i> $C_{10}H_6O_2$ $M = 158,16$ g/mol assay (HPLC) 93% melting range 132—135 °C (disint.)	WG. 2913	5 g	43,25	36,75	34,60	32,45

Code Number
A) R.D. ADR
B) GIVE UGV5
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM





1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

64727	1,4-Naphthoquinone PROSYNTH® <i>Napthoquinone-1-4 / 1,4-Naftoquinona</i> $C_{10}H_6O_2$ $M = 158,16 \text{ g/mol}$ assay (HPLC) 97% melting range 119–122 °C  R: 23/25-36/37/38 S: 26-28-44 disposal: 6	PF. 2913	250 g	30,25	25,70	24,20	22
65057	1,8-Naphthosultone PROSYNTH® <i>1,8-Naphtosultone / 1,8-Naftosultono</i> $QC_{10}H_6SO_2$ $C_{10}H_6O_3S$ $M = 206,22 \text{ g/mol}$ assay (HPLC) 95% melting range 154–157 °C (disint.)	PF. 2937	250 g	31,25	26,55	25,—	23
62852	1-Naphthoyl chloride PROSYNTH® <i>1-Naphtoyl chlorure / 1-Naftoilo cloruro</i> $C_{10}H_7COCl$ $C_{11}H_7ClO$ $M = 190,63 \text{ g/mol}$ 1 L ≈ 1,27 kg assay 98% boiling range (at 20 mbar) 170–172 °C refractive index (n_D^{20}) 1,652	FL. 2914	50 ml	120,50	102,45	96,40	90
62853	2-Naphthoyl chloride PROSYNTH® <i>2-Naphtoyl chlorure / 2-Naftoilo cloruro</i> $C_{10}H_7COCl$ $C_{11}H_7ClO$ $M = 190,63 \text{ g/mol}$ 1 L ≈ 1,26 kg assay 98% melting range 50–52 °C	FL. 2914	50 ml	138,50	117,75	110,80	103
63676	1-Naphthylacetamide PROSYNTH® <i>1-Naphtylacétamide / 1-Naftilacetamida</i> $C_{10}H_7CH_2CONH_2$ $C_{12}H_{11}NO$ $M = 185,23 \text{ g/mol}$ assay (ex N) 98% melting range 180–183 °C	WG. 2925	50 g	32,50	27,65	26,—	24
39105	1-Naphthyl acetate BIOSYNTH® <i>1-Naphtyle acétate / 1-Naftilo acetato</i> $CH_3COOC_{10}H_7$ $C_{12}H_{10}O_2$ $M = 186,21 \text{ g/mol}$ melting range 45–47 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2914	50 g	80,—	68,—	64,—	60
39106	2-Naphthyl acetate BIOSYNTH® <i>2-Naphtyle acétate / 2-Naftilo acetato</i> $CH_3COOC_{10}H_7$ $C_{12}H_{10}O_2$ $M = 186,21 \text{ g/mol}$ melting range 66–68 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2914	50 g	32,50	27,65	26,—	24
35745	Naphthyl-(1)-acetic acid min. 99% PESTANAL® (Naphthalene-1-acetic acid) <i>Acide naphtyl-(1)-acétique / Acido naftil-(1)-acético</i> $C_{11}H_9CH_2COOH$ $C_{12}H_{10}O_2$ $M = 186,21 \text{ g/mol}$  R: 22 S: 24/25 disposal: 7	FL. 2914	1 g	19,50	16,60	15,60	14

2859	Naphthyl-(1)-acetic acid PROSYNTH® <i>Acide naphtyl-(1)-acétique / Acido naftil-(1)-acético</i> $C_{10}H_7CH_2COOH$ $C_{12}H_{10}O_2$ $M = 186,21$ g/mol assay (alkalimetric) 98% melting range 129–132 °C <div>  <div> R: 22 S: 24/25 disposal: 6 </div> </div>	PF. 2914	100 g	35,50	30,20	28,40	26,65
3906	Naphthyl-(2)-acetic acid PROSYNTH® <i>Acide naphtyl-(2)-acétique / Acido naftil-(2)-acético</i> $C_{10}H_7CH_2COOH$ $C_{12}H_{10}O_2$ $M = 186,21$ g/mol assay (alkalimetric) 97% melting range 140–142 °C	WG. 2914	10 g	41,25	35,05	33,—	30,95
5746 6.1/83 6.1 1615 3	Naphthyl-(1)-acetic acid methyl ester min. 99% PESTANAL® (Methyl naphthyl-1-acetate) $C_{10}H_7CH_2COOCH_3$ $C_{13}H_{12}O_2$ $M = 200,24$ g/mol	FL. 2914	2 g	35,75	30,40	28,60	26,80
3677	Naphthyl-(1)-acetic acid methyl ester PROSYNTH® <i>Méthyl naphtyl-1-acétate / Metilo naftil-1-acetato</i> $C_{10}H_7CH_2COOCH_3$ $C_{13}H_{12}O_2$ $M = 200,24$ g/mol 1 L ≈ 1,14 kg assay (GC) 98% boiling range (at 1,3 mbar) 120–122 °C refractive index (n_D^{20}) 1,596	FL. 2914	50 ml	43,75	37,20	35,—	32,80
33426 6.1/21G 6.1 1650 2	Naphthylamine-(1) R. G., Reag. Ph. Eur. I <i>Naphtylamine-(1) / Naftilamina-(1)</i> $C_6H_4C(NH_2) = CHCH = CH$ $C_{10}H_9N$ $M = 143,19$ g/mol assay (GC) min. 99% melting range 48–50 °C insoluble in acetic acid max. 0,02% sulphated ash max. 0,05% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% naphthylamine-(2) max. 0,5% <div>  <div> R: 20/21/22-33 S: 22-36 disposal: 19 </div> </div>	WG. WG. 2922	100 g 500 g	23,50 78,—	20,— 66,30	18,80 62,40	17,65 60,05
60229 6.1/21G 6.1 1650 2	Naphthylamine-(1) PROSYNTH® <i>Naphtylamine-(1) / Naftilamina-(1)</i> $C_6H_4C(NH_2) = CHCH = CH$ $C_{10}H_9N$ $M = 143,19$ g/mol assay (GC) 99% melting range 48–50 °C <div>  <div> R: 20/21/22-33 S: 22-36 disposal: 19 </div> </div>	WG. WG. 2922	250 g 1 kg	12,75 37,25	10,85 31,65	10,20 29,80	9,55 28,70
4728 6.1/66B 6.1 2206 2	Naphthyl-(1)-iso-cyanate PROSYNTH® <i>Naphtyl-(1)-iso-cyanate / Naftil-(1)-iso-cianato</i> $C_{10}H_7NCO$ $C_{11}H_7NO$ $M = 169,18$ g/mol 1 L ≈ 1,18 kg assay (GC) 98% boiling range (at 15 mbar) 137–140 °C refractive index (n_D^{20}) 1,633 <div>  <div> R: 23/24/25 S: 44 disposal: 6 </div> </div>	FL. 2930	250 ml	32,—	27,20	25,60	24,—

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) MDG CODE (GGVSee)

Type of package
B.T.N.


Price per
package DM




1x
(1 Box)


6x
(4 Boxes)

24x
(16 Boxes)

96
(64 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96 (64 Boxes)
33461	N-(1-Naphthyl)-ethylenediammonium dichloride R. G. <i>N-(1-Naphtyl)-etylenediammonium dichlorure /</i> <i>N-(1-Naftil)-etilendiamonio dicloruro</i> (C ₁₀ H ₇ NH ₂ CH ₂ CH ₂ NH ₃)Cl ₂ C ₁₂ H ₁₄ Cl ₂ N ₂ M = 259,18 g/mol assay (ex N) min. 99% sulphated ash max. 0,2% suitability for detection of sulphonamides passes test	WG. WG. 2922	5 g 25 g	23,— 86,—	19,55 73,10	18,40 68,80	17,— 64,—
39414	2-Naphthyl laurate BIOSYNTH® <i>Naphtyle-(2)-laurate / Naftilo-(2)-laurato</i> CH ₃ (CH ₂) ₁₀ COOC ₁₀ H ₇ C ₂₂ H ₃₀ O ₂ M = 326,48 g/mol α-Naphthylmethyl chloride see 1-(Chloromethyl)- naphthalene	WG. 2914	5 g	28,50	24,25	22,80	21,—
39415	N-2-Naphthyloxycarbonyl-DL-phenylalanine BIOSYNTH® <i>N-2-Naphtyloxycarbonyl-DL-phénylalanine /</i> <i>N-2-Naftiloxicarbonil-DL-fenilalanina</i> C ₁₀ H ₇ OCONHCH(CH ₂ C ₆ H ₅)COOH C ₂₀ H ₁₇ NO ₄ M = 335,36 g/mol package of 100 mg	2923	1 pack	14,25	12,10	11,40	10,—
63678	Naphthyl-(1)-thiourea PROSYNTH® <i>Naphtyl-(1)-thiourée / Naftil-(1)-tiourea</i> C ₁₀ H ₇ NHCSNH ₂ C ₁₁ H ₁₀ N ₂ S M = 202,28 g/mol assay (ex S) 95—98%  R: 26/27/28-39 S: 1-13-45 disposal: 6	WG. 2931	250 g	17,25	14,65	13,80	12,—
63544	Naphtol AS® PROSYNTH® <i>Naphtol AS® / Naphtol AS®</i> ® = trade mark of Hoechst AG HOC ₁₀ H ₆ CONHC ₆ H ₅ C ₁₇ H ₁₃ NO ₂ M = 263,30 g/mol assay (HPLC) 93% melting range 246—248 °C	PF. 2923	250 g	27,75	23,60	22,20	20,—
39113	Naphtol-AS®-acetate BIOSYNTH® <i>Naphtol-AS®-acétate / Naphtol-AS®-acetato</i> ® = trade mark of Hoechst AG CH ₃ COOC ₁₀ H ₆ CONHC ₆ H ₅ C ₁₉ H ₁₅ NO ₃ M = 305,33 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2925	5 g	48,—	40,80	38,40	36,—
18811	Neatsfoot oil <i>Huile de pied de boeuf / Aceite de pata de buey</i> 1 L ≈ 0,92 kg	FL. EKL. 1506	1 L 30 kg	51,— price on request	43,35	40,80	39,—
35785	Neburon min. 99% PESTANAL® [1-Butyl-3-(3,4-dichlorophenyl)-1-methylurea] Cl ₂ C ₆ H ₃ NHCON(C ₄ H ₉)CH ₃ C ₁₂ H ₁₆ Cl ₂ N ₂ O M = 275,18 g/mol	FL. 2925	1 g	28,25	24,—	22,60	21,—
32938	Neisser's solution see also Vesuvine solution acc. to Neisser Neisser's solutions for bacteriology Solution A: Methylene blue solution (1 g/l) <i>Solutions de Neisser / Soluciones de Neisser</i> 1 L ≈ 0,99 kg	PF. 3819	250 ml	17,50	14,90	14,—	13,—

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per				
		package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
10	Neisser's solutions for bacteriology Solution B: Crystal violet solution (3,33 g/l) <i>Solutions de Neisser / Soluciones de Neisser</i> 1 L ≈ 0,99 kg	PF. 3819	250 ml	17,50	14,90	14,— 13,15
335	Neisser's solutions for bacteriology Solution C: Chrysoidine solution (3,3 g/l) <i>Solutions de Neisser / Soluciones de Neisser</i> 1 L ≈ 0,99 kg	PF. 3819	250 ml	17,50	14,90	14,— 13,15
473	Neocupferron R. G. <i>Néocupferron / Neocupferrón</i> C ₁₀ H ₁₁ N ₃ O ₂ M = 205,22 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 28 disposal: 7	WG. 2929	10 g	180,—	153,—	144,— 135,—
466	Neocuproin R. G. <i>Néocuproïne / Neocuproína</i> C ₁₄ H ₁₂ N ₂ M = 208,26 g/mol	FL. WG. 2935	1 g 5 g	14,50 58,—	12,35 49,30	11,60 46,40 10,90 43,50
467	Neocuproin hydrochloride R. G. <i>Néocuproïne chlorhydrate / Neocuproína clorhidrato</i> C ₁₄ H ₁₂ N ₂ · HCl M = 244,72 g/mol	FL. 2935	1 g	17,25	14,65	13,80 12,95
577	Neodymium lumps <i>Néodyme / Neodimio</i> Nd M = 144,24 g/mol assay 99%	WG. 2805	10 g	184,—	156,40	147,20 138,—
579 6.1 2811 3	Neodymium fluoride <i>Néodyme fluorure / Neodimio fluoruro</i> NdF ₃ M = 201,24 g/mol assay 99%	WG. 2852	10 g	65,—	55,25	52,— 48,75
580 5.1 1477 2	Neodymium nitrate-5-hydrate <i>Néodyme nitrate-5-hydrate / Neodimio nitrato-5-hidrato</i> Nd(NO ₃) ₃ · 5H ₂ O M = 420,33 g/mol assay 99%	WG. 2852	10 g	17,25	14,65	13,80 12,95
581	Neodymium oxide <i>Néodyme oxyde / Neodimio óxido</i> Nd ₂ O ₃ M = 336,48 g/mol assay 99%	PF. 2852	100 g	122,—	103,70	97,60 91,50
4733 3/5 3.2 1993 2 20 °C	Neopentylamine PROSYNTH® <i>Néopentylamine / Neopentilamina</i> (CH ₃) ₃ CCH ₂ NH ₂ C ₅ H ₁₃ N M = 87,16 g/mol 1 L ≈ 0,74 kg assay (GC) 98% melting range 49—52 °C   R: 11-36/37/38 S: 16-26-29 disposal: 19	FL. 2922	10 ml	30,75	26,15	24,60 23,05
	Neopentylglykol see 2,2-Dimethylpropanediol-(1,3)					
	Neotetrazolium chloride see NTC					
	Neothorin see Arsenazo I					

Code-Number		Type of package	Price per package DM				
A) Riedel B) GGGV/EGVS C) IMDG CODE (GGVSee)		B.T.N.		1x	6x	24x	9x
				(1 Box)	(4 Boxes)	(18 Boxes)	(18 Boxes)
36053	Nessler's reagent for the determination of ammonium salts (potassium mercury(II) iodide solution) <i>Reactif de Nessler / Reactivo de Nessler</i> 1 L ≈ 1,15 kg	PF. PF. 3819	250 ml 1 L	11,50 30,—	9,80 25,50	9,20 24,—	8,— 23,—
32660	 R: 26/27/28-33 S: 1/2-13-28-45 disposal: 26 Neutral red (C. I. No. 50040, S. No. 946) redox indicator E ₀ at pH 7—0,32 Volt; rH 2—4,5 <i>Rouge neutre / Rojo neutro</i> C ₁₅ H ₁₇ ClN ₄ M = 288,78 g/mol	WG. WG. 3205	25 g 100 g	25,— 84,—	21,25 71,40	20,— 67,20	18,— 63,—
13631	Niacin see Nicotinic acid Nickel powder <i>Nickel / Niquel</i> Ni M = 58,71 g/mol assay 99,8% iron (Fe) 0,01% carbon (C) 0,08% sulphur (S) 0,001% oxygen (O) 0,15%	PF. PF. 7503	100 g 1 kg	13,50 101,50	11,50 86,30	10,80 81,20	10,— 78,—
38612	0,100 g Nickel FIXANAL® water-soluble standard for atom absorption <i>0,100 g Nickel / 0,100 g Niquel</i> ampoule	3819	1 pack	10,25	8,70	8,20	—
38662	0,100 g organo-Nickel FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Nickel / 0,100 g organo-Niquel</i> ampoule + 25 °C R: 10	3819	1 pack	33,75	28,70	27,—	25,—
38900	10,00 g Nickel FIXANAL® as Nickel(II) chloride <i>10,00 g Nickel / 10,00 g Niquel</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,—
38570	1,00 g Nickel FIXANAL® watersoluble standard for atom absorption <i>1,00 g Nickel / 1,00 g Niquel</i> ampoule	3819	1 pack	10,25	8,70	8,20	—
38905	10,00 g Nickel FIXANAL® as Nickel sulphate <i>10,00 g Nickel / 10,00 g Niquel</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,—
31472	Nickel(II) acetate tetrahydrate R. G. <i>Nickel(II) acétate tétrahydrate / Niquel(II) acetato tetrahidrato</i> Ni(CH ₃ COO) ₂ · 4H ₂ O C ₄ H ₆ NiO ₄ · 4H ₂ O M = 248,85 g/mol assay min. 99% insoluble in water max. 0,005% iron (Fe) max. 0,005% cobalt (Co) max. 0,2% heavy metals (as Pb) max. 0,005% zinc (Zn) max. 0,02% substances not precipitated by ammonium sulphide (as sulphates) max. 0,2% chloride (Cl) max. 0,003% nitrate (NO ₃) max. 0,008% sulphate (SO ₄) max. 0,005%	PF. 2914	250 g	24,25	20,60	19,40	18,—

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
41	Nickel(II) acetate tetrahydrate chem. pure <i>Nickel(II) acétate tétrahydrate / Niquel(II) acetato tetrahidrato</i> $\text{Ni}(\text{CH}_3\text{COO})_2 \cdot 4\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{NiO}_4 \cdot 4\text{H}_2\text{O} \quad M = 248,85 \text{ g/mol}$ assay 99% iron (Fe) 0,002% cobalt (Co) 0,01% copper (Cu) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. PF. 2914	100 g 1 kg	10,25 69,50	8,70 59,10	8,20 55,60	7,70 53,50
42	Nickel(II) acetate tetrahydrate cryst. <i>Nickel(II) acétate tétrahydrate / Niquel(II) acetato tetrahidrato</i> $\text{Ni}(\text{CH}_3\text{COO})_2 \cdot 4\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{NiO}_4 \cdot 4\text{H}_2\text{O} \quad M = 248,85 \text{ g/mol}$ assay 99% iron (Fe) 0,005% cobalt (Co) 0,1% chloride (Cl) 0,005% sulphate (SO ₄) 0,05%	PF. PF. S. 2914	1 kg 5 kg 40 kg	39,75 166,— price on request	33,80 137,80	31,80 129,50	30,60 124,50
866	Nickel(II) acetylacetonate PROSYNTH® <i>Nickel(II) acétylacétonate / Niquel(II) acetilacetonato</i> $\text{Ni}(\text{C}_5\text{H}_7\text{O}_2)_2$ $\text{C}_{10}\text{H}_{14}\text{NiO}_4 \quad M = 256,92 \text{ g/mol}$ assay (ex Ni) 97% melting range 178—180 °C (disint.)	WG. 2945	100 g	34,25	29,10	27,40	25,70
924	Nickel-aluminium alloy for the production of Raney nickel Reag. Ph. Eur. I <i>Alliage nickel-aluminium / Aleación de niquel-aluminio</i> assay of Ni 48—52% assay of Al 48—52% chloride (Cl) 0,001%	PF. PF. 7503	250 g 1 kg	22,75 78,—	19,35 66,30	18,20 62,40	17,05 60,05
Nickel ammonium sulphate see Ammonium nickel sulphate							
Nickel borofluoride see Nickel fluoroborate							
Nickel(II) carbonate, basic see Nickel(II) oxide hydrated							
1462	Nickel chloride-6-hydrate R. G. <i>Nickel chlorure-6-hydrate / Niquel cloruro-6-hidrato</i> $\text{NiCl}_2 \cdot 6\text{H}_2\text{O} \quad M = 237,70 \text{ g/mol}$ assay 97% moisture max. 3% insoluble in water max. 0,005% pH (5%, 20 °C) 4—6 lead (Pb) max. 0,001% cadmium (Cd) max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,002% cobalt (Co) max. 0,002% copper (Cu) max. 0,002% magnesium (Mg) max. 0,001% sodium (Na) max. 0,005% zinc (Zn) max. 0,005% sulphate (SO ₄) max. 0,005%	PF. FTP. 2830	1 kg 50 kg	57,50 kg	48,90 33,50	46,—	44,30
7860	Nickel chloride-6-hydrate PURANAL® <i>Nickel chlorure-6-hydrate / Niquel cloruro-6-hidrato</i> $\text{NiCl}_2 \cdot 6\text{H}_2\text{O} \quad M = 237,70 \text{ g/mol}$ analytical data on request	PF. FTP. 2830	5 kg 50 kg	price on request price on request			

Code-Number

A) RID/ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9

(16 B)

13613 Nickel chloride-6-hydrate chem. pure
C 6.1 2811 3 Nickel chlorure-6-hydrate / Niquel cloruro-6-hidrato

$\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 237,70$ g/mol

assay 97%
pH (5%, 20 °C) 4—6
arsenic (As) 0,0001%
lead (Pb) 0,001%
cadmium (Cd) 0,005%
iron (Fe) 0,005%
cobalt (Co) 0,01%
copper (Cu) 0,002%
zinc (Zn) 0,005%
sulphate (SO_4) 0,01%

PF.
PF.
FTP.
2830

250 g 15,75 13,40 12,60 1
1 kg 45,25 38,45 36,20 3
50 kg price on request

13612 Nickel chloride-6-hydrate pure cryst.
C 6.1 2811 3 Nickel chlorure-6-hydrate / Niquel cloruro-6-hidrato

$\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 237,70$ g/mol

assay of Ni and Co 23,7%
lead (Pb) 0,002%
iron (Fe) 0,01%
cobalt (Co) 0,5%
copper (Cu) 0,002%

PF.
PF.
FTP.
2830

500 g 20,25 17,20 16,20 1
5 kg 153,— 127,— 119,35 11
50 kg price on request

10408 Nickel(II) fluoride
C 6.1 2811 3 Nickel(II) fluorure / Niquel(II) fluoruro

NiF_2 $M = 96,70$ g/mol

assay 96%

WG.
FTP.
2829

10 g 44,50 37,85 35,60 3
50 kg price on request

01258 Nickel(II) fluoride-4-hydrate
C 6.1 2811 3 Nickel(II) fluorure-4-hydrate / Niquel(II) fluoruro-4-hidrato

$\text{NiF}_2 \cdot 4\text{H}_2\text{O}$ $M = 168,76$ g/mol

PF.
2829

1 kg price on request

01510 Nickel fluoroborate-6-hydrate pure
C 6.1 2811 3 Nickel fluoroborate-6-hydrate / Niquel fluoroborato-6-hidrato

$\text{Ni}(\text{BF}_4)_2 \cdot 6\text{H}_2\text{O}$ $M = 340,40$ g/mol

assay 96%
lead (Pb) 0,002%
iron (Fe) 0,005%
copper (Cu) 0,0005%
zinc (Zn) 0,001%
chloride (Cl) 0,005%

PF.
FTP.
2829

1 kg 68,— 57,80 54,40 5
50 kg price on request

01539 Nickel fluoroborate solution 31% for electroplating
Nickel fluoroborate en solution / Niquel fluoroborato en solución

$\text{Ni}(\text{BF}_4)_2$ $M = 232,31$ g/mol

1 L \approx 1,33 kg

assay of Ni 7,8—8,0%
free fluoroboric acid (HBF_4) 1—3%
free boric acid (H_3BO_3) 1—2%
lead (Pb) 0,002%
iron (Fe) 0,002%
cobalt (Co) 0,05%
copper (Cu) 0,001%
zinc (Zn) 0,001%
chloride (Cl) 0,002%
sulphate (SO_4) 0,03%

PF.
FPF.
2829

1 L 32,75 27,85 26,20 2
35 kg price on request

Nickel(II) hydroxide see Nickel(II) oxide hydrated

13610 Nickel(II) hydroxyde carbonate chem. pure
Nickel(II) hydroxycarbonate / Niquel(II) hidroxicarbonato

ca. $\text{NiCO}_3 \cdot 2\text{Ni}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$ $M = \text{ca. } 376,20$ g/mol

assay of Ni 45—47%
iron (Fe) 0,005%
cobalt (Co) 0,02%
copper (Cu) 0,002%
substances not precipitated by hydrogen sulphide
(as sulphates) 0,3%
chloride (Cl) 0,02%
sulphate (SO_4) 0,005%

PF.
PF.
FTP.
2842

500 g 38,50 32,75 30,80 2
1 kg 70,50 59,95 56,40 5
20 kg price on request


de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
3607	Nickel(II) hydroxyde carbonate pure <i>Nickel(II) hydroxycarbonate / Níquel(II) hidroxicarbonato</i> ca. $\text{NiCO}_3 \cdot 2\text{Ni(OH)}_2 \cdot 4\text{H}_2\text{O}$ $M = \text{ca. } 376,20 \text{ g/mol}$ assay of Ni 48% iron (Fe) 0,01% cobalt (Co) 0,4% chloride (Cl) 0,01% sulphate (SO ₄) 0,5%	PF. PF. FTP. BLT. 2842	250 g 1 kg 25 kg 100 kg	20,— 61,— price on request price on request	17,— 51,85 price on request price on request	16,— 48,80 price on request price on request	15,— 46,95 price on request price on request
3621 5.1 1477 2	Nickel nitrate-6-hydrate chem. pure cryst. (max. 0,05% Co) <i>Nickel nitrate-6-hydrate / Níquel nitrato-6-hidrato</i> $\text{Ni(NO}_3)_2 \cdot 6\text{H}_2\text{O}$ $M = 290,81 \text{ g/mol}$ assay 97% lead (Pb) 0,001% iron (Fe) 0,005% cobalt (Co) 0,01% copper (Cu) 0,002% zinc (Zn) 0,05% substances not precipitated by ammonium sulphide (as sulphates) 0,3% chloride (Cl) 0,003% sulphate (SO ₄) 0,01%	PF. PF. PF. FPD. 2839	500 g 1 kg 2,5 kg 50 kg	20,75 38,25 83,50 price on request	17,65 32,50 69,30 price on request	16,60 30,60 65,15 price on request	16,— 29,45 62,65 price on request
3620 5.1 1477 2	Nickel nitrate-6-hydrate pure <i>Nickel nitrate-6-hydrate / Níquel nitrato-6-hidrato</i> $\text{Ni(NO}_3)_2 \cdot 6\text{H}_2\text{O}$ $M = 290,80 \text{ g/mol}$ assay 97% iron (Fe) 0,05% cobalt (Co) 0,1%	PF. PF. FPD. 2839	1 kg 2,5 kg 50 kg	34,25 74,50 price on request	29,10 61,85 price on request	27,40 58,10 price on request	26,35 55,90 price on request
13629	Nickel(III) oxide chem. pure <i>Nickel(III) oxyde / Níquel(III) óxido</i> Ni_2O_3 $M = 165,40 \text{ g/mol}$ assay of Ni 70—71% lead (Pb) 0,005% iron (Fe) 0,01% cobalt (Co) 0,02% copper (Cu) 0,002% zinc (Zn) 0,02% chloride (Cl) 0,02% sulphate (SO ₄) 0,01%	PF. PF. FTP. 2828	100 g 1 kg 50 kg	11,50 87,50 price on request	9,80 74,40 price on request	9,20 70,— price on request	8,65 67,40 price on request
13618	Nickel(II) oxide hydrate technical <i>Nickel(II) oxyde hydraté / Níquel(II) óxido hidratado</i> assay of Ni 60% lead (Pb) 0,02% calcium (Ca) 0,5% iron (Fe) 0,05% cobalt (Co) 1,0—1,5% copper (Cu) 0,05% magnesium (Mg) 0,01%	PF. 2828	1 kg	77,—	65,45	61,60	59,30
15816	Nickel phthalocyanine <i>Nickel phtalocyanine / Níquel ftalocianina</i> $\text{C}_{32}\text{H}_{16}\text{N}_8\text{Ni}$ $M = 571,23 \text{ g/mol}$ Nickel salt see Ammonium nickel sulphate	PF. 2934	100 g	37,50	31,90	30,—	28,15
13653	Nickel sulphamate-4-hydrate for electroplating <i>Nickel sulfamate-4-hydrate / Níquel sulfamato-4-hidrato</i> $\text{Ni(SO}_3\text{NH}_2)_2 \cdot 4\text{H}_2\text{O}$ $M = 322,93 \text{ g/mol}$ assay 99% pH (5%, 20 °C) 5—7 arsenic (As) 0,0001% lead (Pb) 0,002% calcium (Ca) 0,002% cadmium (Cd) 0,001% iron (Fe) 0,002% cobalt (Co) 0,02% copper (Cu) 0,0005% sodium (Na) 0,01% zinc (Zn) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,2%	FTP. 2848	50 kg	price on request			

Code-Number
A) RID/ADR
B) GHS/CLP
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

13652	Nickel sulphamate solution 11% Ni for electroplating <i>Nickel sulfamate en solution / Niquel sulfamato en solución</i>	PF. FPF. 2848	1 L 45 kg	36,— price on request	30,60	28,80	27,—
	$\text{Ni}(\text{SO}_3\text{NH}_2)_2$ $M = 250,87 \text{ g/mol}$ 1 L = 1,52 kg assay of Ni 11,0—11,2% pH 3,7—4,5 arsenic (As) 0,0001% ammonium (NH_4) 0,01% lead (Pb) 0,002% calcium (Ca) 0,002% cadmium (Cd) 0,0005% iron (Fe) 0,001% cobalt (Co) 0,01% copper (Cu) 0,0005% sodium (Na) 0,005% zinc (Zn) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,1%						
13635	Nickel sulphate cryst., DIN 50970 H, for nickel plating <i>Nickel sulfate / Niquel sulfato</i>	PF. PF. S. 2838	1 kg 5 kg 50 kg	30,— 120,— price on request	25,50 99,60	24,— 93,60	23,— 90,—
	$\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ M (anhydrous) = 154,76 g/mol assay Ni and Co min. 20,5% arsenic (As) 0,001% lead (Pb) 0,002% cadmium (Cd) 0,005% iron (Fe) 0,005% cobalt (Co) 0,005% copper (Cu) 0,002% zinc (Zn) 0,005%						
31483	Nickel sulphate-6-hydrate R. G., Reag. ACS <i>Nickel sulfate-6-hydrate / Niquel sulfato-6-hidrato</i>	PF. PF. PF. 2838	100 g 250 g 1 kg	8,75 15,50 51,50	7,45 13,20 43,80	7,— 12,40 41,20	6,— 11,— 39,—
	$\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ $M = 262,85 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 4—6 lead (Pb) max. 0,001% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% potassium (K) max. 0,005% cobalt (Co) max. 0,002% copper (Cu) max. 0,002% magnesium (Mg) max. 0,01% manganese (Mn) max. 0,0005% sodium (Na) max. 0,01% zinc (Zn) max. 0,002% chloride (Cl) max. 0,001% total nitrogen (N) max. 0,001%						
13651	Nickel sulphate-6-hydrate chem. pure cryst. <i>Nickel sulfate-6-hydrate / Niquel sulfato-6-hidrato</i>	PF. PF. PF. FTP. 2838	250 g 1 kg 5 kg 50 kg	14,50 41,50 175,— price on request	12,35 35,30 145,25	11,60 33,20 136,50	10,— 31,— 131,—
	$\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ $M = 262,85 \text{ g/mol}$ assay 99% pH (5%, 20 °C) 4—6 arsenic (As) 0,001% lead (Pb) 0,002% cadmium (Cd) 0,005% iron (Fe) 0,005% cobalt (Co) 0,01% copper (Cu) 0,002% zinc (Zn) 0,005% chloride (Cl) 0,005%						
63679	Nicotinamide PROSYNTH® <i>Nicotinamide / Nicotinamida</i> $\text{N} = \text{CHCH} = \text{CHC}(\text{CONH}_2) = \text{CH}$ $\text{C}_6\text{H}_5\text{N}_2\text{O}$ $M = 122,13 \text{ g/mol}$ assay 99% melting range 128—131 °C	PF. 2938	250 g	17,25	14,65	13,80	12,—

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
584	iso-Nicotinamide PROSYNTH® <i>iso-Nicotinamide / iso-Nicotinamida</i> $N=CHCH=C(CONH_2)CH=CH$ $C_6H_6N_2O$ $M=122,13$ g/mol assay 99% melting range 155–157 °C	WG. 2935	50 g	60,—	51,—	48,—	45,—
416	Nicotinamide adenine dinucleotide BIOSYNTH® <i>Amide nicotinique-adénine-dinucléotide / Nicotinamida-adenina-dinucleótido</i> keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2935	1 g	49,25	41,85	39,40	36,95
417	Nicotinamide adenine dinucleotide phosphate disodium salt BIOSYNTH® <i>Amide nicotinique-adénine-dinucléotide phosphate sel disodique / Nicotinamida-adenina-dinucleótido fosfato sal disódica</i> package of 25 mg keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	2935	1 pack	22,25	18,90	17,80	16,70
2867 6.1/21 6.1 1654 2	Nicotine PROSYNTH® <i>Nicotine / Nicotina</i> $CH=NCH=CHCH=CCH(CH_2)_3NCH_3$ $C_{10}H_{14}N_2$ $M=162,24$ g/mol $1\text{ L} \approx 1,01$ kg assay (GC) 98% boiling range 244–247 °C refractive index (n_D^{20}) 1,525 optical rotation α_D^{20} $-54^\circ \pm 1^\circ$  R: 26/27/28 S: 1-13-28-45 disposal: 6	FL. 2942	100 ml	43,25	36,75	34,60	32,45
39419	Nicotinic acid BIOSYNTH® <i>Acide nicotinique / Acido nicotínico</i> $N=CHCH=CHC(COOH)=CH$ $C_6H_5NO_2$ $M=123,11$ g/mol	PF. 2938	100 g	14,25	12,10	11,40	10,70
53941	Nicotinic acid PROSYNTH® <i>Acide nicotinique / Acido nicotínico</i> $N=CHCH=CHC(COOH)=CH$ $C_6H_5NO_2$ $M=123,11$ g/mol assay (alkalimetric) 99% melting range 234–237 °C <i>iso-Nicotinic acid see 4-Pyridinecarboxylic acid</i>	PF. 2938	250 g	40,75	34,65	32,60	30,55
62694 A 6.1/21 C 6.1 2811 3	iso-Nicotinic acid hydrazide PROSYNTH® <i>Acide iso-nicotinique hydrazide / Acido iso-nicotínico hidracida</i> $N=CHCH=C(CONHNH_2)CH=CH$ $C_6H_7N_3O$ $M=137,14$ g/mol assay 99% melting range 170–172 °C	WG. 2935	100 g	13,75	11,70	11,—	10,30
64112	Nicotinic anhydride PROSYNTH® <i>Anhydride nicotinique / Anhidrido nicotínico</i> $C_{12}H_8N_2O_3$ $M=228,21$ g/mol assay (ex N) 95% melting range 118–120 °C	WG. 2935	5 g /	27,—	22,95	21,60	20,25
28705	Nigrosin alcohol-soluble (C. I. Nr. 50415) <i>Nigrosine / Nigrosina</i>	BL. FT. 3205	1 kg 5 kg	60,— 252,—	51,— 209,15	48,— 196,55	46,20 189,—

Code Number
A) R.O. ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96
(16 Boxes)

33437

Ninhydrin R. G.

Ninhydrine / Ninhydrina

$C_6H_4COC(OH)_2CO$

$C_9H_6O_4$ $M = 178,14$ g/mol

assay min. 99%

pH (1%, 20°C) 4,6—5,0

sulphated ash max. 0,1%

suitability for detection of amino acids passes test

keep cool

à stocker au frais

consérvase frío



R: 20/21/22 S: 28

disposal: 6

WG.
WG.
2913

10 g
100 g

13,50
68,50

11,50
58,25

10,80
54,80

10
51

33462

Ninhydrin spray reagent for chromatography

Ninhydrine / Ninhydrina

spray-box of 330 ml

A 2/10B2

C 3.3 1950 2

+54°C

$C_6H_4COC(OH)_2CO$

$C_9H_6O_4$ $M = 178,14$ g/mol

R: 10 disposal: 6

3819

1 pack

19,75

16,80

15,80

14

39420

Ninhydrin BIOSYNTH®

Ninhydrine / Ninhydrina

$C_6H_4COC(OH)_2CO$

$C_9H_6O_4$ $M = 178,14$ g/mol



R: 20/21/22 S: 28

disposal: 6

WG.
2913

25 g

29,—

24,65

23,20

21

10438

Niobium powder

Niobium / Niobio

Nb $M = 92,91$ g/mol

assay 99%

WG.
8104

10 g

19,25

16,35

15,40

14

10439

Niobium(V) chloride

Niobium(V) chlorure / Niobio(V) cloruro

A 8/12

C 8 1759 2

$NbCl_5$ $M = 270,17$ g/mol

assay 99%

WG.
2830

100 g

43,50

37,—

34,80

32

10409

Niobium(V) fluoride

Niobium(V) fluorure / Niobio(V) fluoruro

C 6.1 2811 3

NbF_5 $M = 187,90$ g/mol

assay 99%

PF.
2829

10 g

95,—

80,75

76,—





71

Nioxime see 1,2-Cyclohexanedionedioxime

Nipagin® M see Methyl 4-hydroxybenzoate

Nipasol see Propyl 4-hydroxybenzoate

Nitraniline see Nitroaniline

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
003	Nitric acid 86%, chem. pure	FL.	1 L	41,50	35,30	33,20
1/2A	<i>Acide nitrique / Acido nítrico</i>	TS.	30 kg	price on request		
2031 1	HNO ₃ M = 63,01 g/mol 1 L ≈ 1,48 kg	2809				
	assay 86%					
	residue on ignition (as sulphates) 0,001%					
	iron (Fe) 0,0002%					
	heavy metals (as Pb) 0,0001%					
	chloride (Cl) 0,0002%					
	sulphate (SO ₄) 0,0005%					
	  R: 8-35 S: 23-26-36 disposal: 1					
920	Nitric acid about 70% MOS PURANAL® particle class 0—2	FL.	2,5 L	price on request		
3/2A	<i>Acide nitrique / Acido nítrico</i>	2809				
3 2031 1	HNO ₃ M = 63,01 g/mol 1 L ≈ 1,42 kg					
	assay min. 69%					
	aluminium (Al) max. 0,05 ppm					
	antimony (Sb) max. 0,01 ppm					
	arsenic (As) max. 0,01 ppm					
	barium (Ba) max. 0,1 ppm					
	beryllium (Be) max. 0,01 ppm					
	lead (Pb) max. 0,02 ppm					
	boron (B) max. 0,05 ppm					
	cadmium (Cd) max. 0,01 ppm					
	calcium (Ca) max. 1 ppm					
	chromium (Cr) max. 0,1 ppm					
	iron (Fe) max. 0,2 ppm					
	gallium (Ga) max. 0,02 ppm					
	gold (Au) max. 0,02 ppm					
	indium (In) max. 0,02 ppm					
	potassium (K) max. 0,1 ppm					
	cobalt (Co) max. 0,01 ppm					
	copper (Cu) max. 0,01 ppm					
	lithium (Li) max. 0,02 ppm					
	magnesium (Mg) max. 0,1 ppm					
	manganese (Mn) max. 0,01 ppm					
	molybdenum (Mo) max. 0,01 ppm					
	sodium (Na) max. 0,3 ppm					
	nickel (Ni) max. 0,02 ppm					
	platinum (Pt) max. 0,02 ppm					
	silver (Ag) max. 0,02 ppm					
	strontium (Sr) max. 0,02 ppm					
	thallium (Tl) max. 0,02 ppm					
	titanium (Ti) max. 0,01 ppm					
	vanadium (V) max. 0,01 ppm					
	bismuth (Bi) max. 0,02 ppm					
	zinc (Zn) max. 0,05 ppm					
	tin (Sn) max. 0,02 ppm					
	zirconium (Zr) max. 0,01 ppm					
	chloride (Cl) max. 0,5 ppm					
	phosphate (PO ₄) max. 0,5 ppm					
	sulphate (SO ₄) max. 0,5 ppm					
	  R: 8-35 S: 23-26-36 disposal: 1					

Code Number
A) R.D. ADR
B) GUVB/GUVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9x
(1 Box) (4 Boxes) (18 Boxes)

17952 Nitric acid about 70% PURANAL®

A 8/1A *Acide nitrique / Acido nítrico*

C 8 2031 1

HNO_3	$M = 63,01 \text{ g/mol}$	1 L = 1,42 kg
assay	min. 69%	
residue on ignition (as sulphates)	max. 5 ppm	
aluminium (Al)	max. 0,05 ppm	
antimony (Sb)	max. 0,01 ppm	
arsenic (As)	max. 0,01 ppm	
barium (Ba)	max. 0,1 ppm	
beryllium (Be)	max. 0,01 ppm	
lead (Pb)	max. 0,02 ppm	
boron (B)	max. 0,05 ppm	
cadmium (Cd)	max. 0,01 ppm	
calcium (Ca)	max. 1 ppm	
chromium (Cr)	max. 0,1 ppm	
iron (Fe)	max. 0,2 ppm	
gallium (Ga)	max. 0,02 ppm	
gold (Au)	max. 0,02 ppm	
indium (In)	max. 0,02 ppm	
potassium (K)	max. 0,1 ppm	
cobalt (Co)	max. 0,01 ppm	
copper (Cu)	max. 0,01 ppm	
lithium (Li)	max. 0,02 ppm	
magnesium (Mg)	max. 0,1 ppm	
manganese (Mn)	max. 0,01 ppm	
molybdenum (Mo)	max. 0,01 ppm	
sodium (Na)	max. 0,3 ppm	
nickel (Ni)	max. 0,02 ppm	
platinum (Pt)	max. 0,02 ppm	
silver (Ag)	max. 0,02 ppm	
strontium (Sr)	max. 0,02 ppm	
thallium (Tl)	max. 0,02 ppm	
titanium (Ti)	max. 0,01 ppm	
vanadium (V)	max. 0,01 ppm	
bismuth (Bi)	max. 0,02 ppm	
zinc (Zn)	max. 0,05 ppm	
tin (Sn)	max. 0,02 ppm	
zirconium (Zr)	max. 0,01 ppm	
chloride (Cl)	max. 0,5 ppm	
phosphate (PO_4)	max. 0,5 ppm	
sulphate (SO_4)	max. 0,5 ppm	



R: 8-35 S: 23-26-36
disposal: 1

30709 Nitric acid min. 65%, R. G., Reag. ISO, Reag. Ph. Eur. I

A 8/2B *Acide nitrique / Acido nítrico*

C 8 2031 2

HNO_3	$M = 63,01 \text{ g/mol}$	1 L = 1,40 kg
assay	min. 65%	
residue on ignition (as sulphates)	max. 0,0005%	
arsenic (As)	max. 0,000001%	
lead (Pb)	max. 0,000005%	
cadmium (Cd)	max. 0,000001%	
calcium (Ca)	max. 0,0001%	
iron (Fe)	max. 0,00002%	
copper (Cu)	max. 0,000005%	
nickel (Ni)	max. 0,000005%	
zinc (Zn)	max. 0,00001%	
chloride (Cl)	max. 0,00005%	
sulphate (SO_4)	max. 0,0001%	



R: 35 S: 2-23-26-27
disposal: 1



FL.
2809

2,5 L

price on request

FL.	1 L	17,25	14,65	13,80	13
FL.	2,5 L	37,—	30,70	28,85	27
STP.	40 kg	kg	5,10		
STP.	5x	kg	4,70		

2809

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
713 /2B 2031 2	Nitric acid min. 65% R. G., for determination of mercury, Reag. ISO, Reag. Ph. Eur. I <i>Acide nitrique / Acido nítrico</i> HNO ₃ M = 63,01 g/mol 1 L ≈ 1,40 kg assay min. 65% residue on ignition (as sulphates) max. 0,0005% arsenic (As) max. 0,000001% lead (Pb) max. 0,000005% cadmium (Cd) max. 0,000001% calcium (Ca) max. 0,0001% iron (Fe) max. 0,00002% copper (Cu) max. 0,000005% nickel (Ni) max. 0,000005% mercury (Hg) max. 0,0000005% zinc (Zn) max. 0,00001% chloride (Cl) max. 0,00005% sulphate (SO ₄) max. 0,0001%  R: 35 S: 2-23-26-27 disposal: 1	FL. 2809	2,5 L	48,—	39,85	37,45	36,—
0710 /2B 2031 2	Nitric acid min. 65%, R. G. for determinations with dithizone, Reag. ISO, Reag. Ph. Eur. I <i>Acide nitrique / Acido nítrico</i> HNO ₃ M = 63,01 g/mol 1 L ≈ 1,40 kg assay min. 65% residue on ignition (as sulphates) max. 0,0005% arsenic (As) max. 0,000001% lead (Pb) max. 0,000005% cadmium (Cd) max. 0,000001% calcium (Ca) max. 0,0001% iron (Fe) max. 0,00002% copper (Cu) max. 0,000005% nickel (Ni) max. 0,000005% zinc (Zn) max. 0,00001% chloride (Cl) max. 0,00005% sulphate (SO ₄) max. 0,0001% suitability for determination with dithizone passes test  R: 35 S: 2-23-26-27 disposal: 1	FL. 2809	1 L	17,—	14,45	13,25	12,60

Code-Number
A) RID/ADR
B) GGV/SGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9
(1 Box) (4 Boxes) (10 Boxes)

17818 Nitric acid min. 65%, PURANAL®
Acide nitrique / Acido nítrico
C 8 2031 2 HNO₃ M = 63,01 g/mol 1 L ≈ 1,40 kg
assay min. 65%
(as sulphates) max. 5 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,05 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 1 ppm
chromium (Cr) max. 0,1 ppm
iron (Fe) max. 0,2 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,3 ppm
nickel (Ni) max. 0,02 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 0,5 ppm
phosphate (PO₄) max. 0,5 ppm
sulphate (SO₄) max. 0,5 ppm



R: 35 S: 2-23-26-27
disposal: 1

07006 Nitric acid 65%, chem. pure
Acide nitrique / Acido nítrico
C 8 2031 2 HNO₃ M = 63,01 g/mol 1 L ≈ 1,40 kg
assay 65%
residue on ignition (as sulphates) 0,0005%
iron (Fe) 0,0001%
heavy metals (as Pb) 0,00005%
chloride (Cl) 0,0001%
sulphate (SO₄) 0,0002%



R: 35 S: 2-23-26-27
disposal: 1

17955 Nitric acid/hydrofluoric acid-etching mixture PURANAL®
Acide nitrique/acide fluorhydrique-mélange d'attaque /
Acido nítrico/acido fluorhídrico-mezcla cáustica
C 8 1760 2



R: 26/27/28-35 S: 7/9-26-36/37-45
disposal: 27

38270 0,1 mol Nitric acid FIXANAL® 6,301 g HNO₃ for 1 L 0,1 N
0,1 mol Acide nitrique / 0,1 mol Acido nítrico
C 8 2031 2



R: 36/38 S: 2-26
disposal: 1




ampoule





FL. 2,5 L price on request
STP. 40 kg price on request
2809




FL. 1 L 15,75 13,40 12,30 1
FL. 2,5 L 32,75 27,20 25,55 2
STP. 40 kg kg 3,50
STP. 5x kg 3,35
STP. 10x kg 3,15
2809

PK. 5 L price on request
3813

3819 1 pack 8,75 7,45 7,—

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
274 B/2C B 2031 2	1 mol Nitric acid FIXANAL® 63,013 g HNO ₃ for 1 L 0,1 N solution 1 mol Acide nitrique / 1 mol Acido nítrico  R: 35 S: 2-23-26-27 disposal: 1	bottle	3819	1 pack	11,25	9,55	9,—	8,45
3072 B/2B B 2031 2	Nitric acid-d (50% in D ₂ O) deuteration degree not less than 99 atom% D Acide nitrique-d / Acido nítrico-d DNO ₃ M = 64,00 g/mol 1 L ≈ 1,45 kg  R: 35 S: 2-23-26-27 disposal: 1		A. 2851	10 ml	47,—	39,95	37,60	35,25
Nitrilotriacetic acid see IDRANAL® I								
3474	Nitrin R. G. (2-Aminobenzaldehyde phenylhydrazone) Nitrine / Nitrina C ₆ H ₅ NHN = CHC ₆ H ₄ NH ₂ C ₁₃ H ₁₃ N ₃ M = 211,27 g/mol assay min. 98% water max. 0,5% sulphated ash max. 0,1% suitability for determination of nitrite passes test		WG. 2929	5 g	price on request			
62869	4-Nitroacetanilide PROSYNTH® 4-Nitroacétanilide / 4-Nitroacetanilida NO ₂ C ₆ H ₄ NHCOCH ₃ C ₈ H ₈ N ₂ O ₃ M = 180,16 g/mol assay (ex N) 98% melting range 213—215 °C		WG. 2925	100 g	80,—	68,—	64,—	60,—
62870	2-Nitroacetophenone PROSYNTH® 2-Nitroacétophénone / 2-Nitroacetofenona NO ₂ C ₆ H ₄ COCH ₃ C ₈ H ₇ NO ₃ M = 165,15 g/mol 1 L ≈ 1,24 kg assay (GC) 97% melting range 26—28 °C		FL. 2913	10 ml	37,75	32,10	30,20	28,30
62871	3-Nitroacetophenone PROSYNTH® 3-Nitroacétophénone / 3-Nitroacetofenona NO ₂ C ₆ H ₄ COCH ₃ C ₈ H ₇ NO ₃ M = 165,15 g/mol assay (GC) 99% melting range 76—78 °C		PF. 2913	100 g	16,50	14,05	13,20	12,40
62872	4-Nitroacetophenone PROSYNTH® 4-Nitroacétophénone / 4-Nitroacetofenona NO ₂ C ₆ H ₄ COCH ₃ C ₈ H ₇ NO ₃ M = 165,15 g/mol assay (GC) 99% melting range 76—79 °C		PF. 2913	100 g	12,50	10,65	10,—	9,40
2-Nitro-1-acetylbenzene see 2-Nitroacetophenone 3-Nitro-1-acetylbenzene see 3-Nitroacetophenone 4-Nitro-1-acetylbenzene see 4-Nitroacetophenone								
3480 A 6.1/21F C 6.1 1661 2	2-Nitroaniline R.G. Nitro-2-aniline / 2-Nitroanilina O ₂ NC ₆ H ₄ NH ₂ C ₆ H ₆ N ₂ O ₂ M = 138,13 g/mol assay (GC) min. 99% melting range 69—71 °C sulphated ash max. 0,1% iron (Fe) max. 0,005% heavy metals (as Pb) max. 0,001%  R: 23/24/25-33 S: 28-36/37-44 disposal: 20		WG. 2922	50 g	13,75	11,70	11,—	10,30

Riedel-de Haen AG		Type of package R.T.N.	Price per package DM			
Code Number A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z.			1x (1 Box)	6x (6 Boxes)	24x (24 Boxes)	
15819	2-Nitroaniline Nitro-2-aniline / 2-Nitroanilina <chem>C6H4(NH2)(NO2)</chem> $M = 138,13 \text{ g/mol}$ melting range $70-71^\circ\text{C}$  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. WG. 2922	250 g 1 kg	13,25 38,25	11,25 32,50	10,60 30,60
15820	3-Nitroaniline Nitro-3-aniline / 3-Nitroanilina <chem>C6H4(NH2)(NO2)</chem> $M = 138,13 \text{ g/mol}$ melting range $111-113^\circ\text{C}$  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. WG. 2922	250 g 1 kg	24,75 82,—	21,05 69,70	19,80 65,60
33481	4-Nitroaniline R.G. Nitro-4-aniline / 4-Nitroanilina <chem>O2NC6H4NH2</chem> $M = 138,13 \text{ g/mol}$ assay min. 99,9% melting range $146-148^\circ\text{C}$ sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. 2922	50 g	42,—	35,70	33,60
15822	4-Nitroaniline pure Nitro-4-aniline / 4-Nitroanilina <chem>C6H4(NH2)(NO2)</chem> $M = 138,13 \text{ g/mol}$ assay 99,5% melting range $146-148^\circ\text{C}$  R: 23/24/25-33 S: 28-36/37-44 disposal: 20	WG. WG. 2922	250 g 1 kg	18,75 54,50	15,95 46,35	15,— 43,60
64735	2-Nitroanisole PROSYNTH® Nitro-2-anisole / 2-Nitroanisol <chem>NO2C6H4OCH3</chem> $M = 153,14 \text{ g/mol}$ 1 L ≈ 1,25 kg assay (GC) 98% boiling range $270-273^\circ\text{C}$ refractive index (n_D^{20}) 1,561	FL. 2908	250 ml	19,75	16,80	15,80
64736	4-Nitroanisole PROSYNTH® Nitro-4-anisole / 4-Nitroanisol <chem>NO2C6H4OCH3</chem> $M = 153,14 \text{ g/mol}$ assay (GC) 99% melting range $50-52^\circ\text{C}$	WG. 2908	250 g	17,50	14,90	14,—
39093	N ^ω -Nitro-L-arginine BIOSYNTH® N ^ω -Nitro-L-arginine / N ^ω -Nitro-L-arginina <chem>HN=C(NHNO2)NH(CH2)3CH(NH2)COOH</chem> $M = 219,20 \text{ g/mol}$ spec. rotation ($[\alpha]_D^{20}$, c=1 in HCl 2 mol/l) $+23,6^\circ \pm 1^\circ$	WG. 2926	5 g	14,75	12,55	11,80
33439	2-Nitrobenzaldehyde R.G. Aldehyde 2-nitrobenzoïque / Aldehido 2-nitrobenzôico <chem>C6H4(CHO)(NO2)</chem> $M = 151,12 \text{ g/mol}$ assay min. 99% melting range $42-44^\circ\text{C}$ sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%	WG. WG. 2912	5 g 25 g	11,25 43,—	9,55 36,55	9,— 34,40


Number	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
3-Nitrobenzaldehyde PROSYNTH® <i>Aldéhyde 3-nitrobenzoïque / Aldehido 3-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_5\text{NO}_3$ $M = 151,12 \text{ g/mol}$ assay (GC) 98 % melting range 55–57 °C	PF. 2912	100 g	11,75	10,—	9,40	8,80
4-Nitrobenzaldehyde PROSYNTH® <i>Aldéhyde 4-nitrobenzoïque / Aldehido 4-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_5\text{NO}_3$ $M = 151,12 \text{ g/mol}$ assay (GC) 98 % melting range 103–106 °C	PF. 2912	100 g	65,—	55,25	52,—	48,75
Nitrobenzene pure bright Erg. B. 6 <i>Nitrobenzène / Nitrobenceno</i> $\text{C}_6\text{H}_5\text{NO}_2$ $M = 123,11 \text{ g/mol}$ $1 \text{ L} \approx 1,20 \text{ kg}$ assay (GC) 99,5 % boiling range 205–210 °C density (D_4^{20}) 1,203–1,205 refractive index (n_D^{20}) 1,5520–1,5540  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	FL. FL. EKL. 2903	1 L 2,5 L 35 kg	23,25 49,25 kg	19,75 40,90 6,30	18,60 38,40	17,90 36,95
Nitrobenzene-d_5 deuteration degree not less than 99 atom % D <i>Nitrobenzène-d_5 / Nitrobenceno-d_5</i> $\text{C}_6\text{D}_5\text{NO}_2$ $M = 128,07 \text{ g/mol}$ $1 \text{ L} \approx 1,20 \text{ kg}$  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	A. 2851	5 ml	77,50	65,90	62,—	58,15
4-(4-Nitrobenzeneazo)-(1)-naphthol R. G. <i>4-(4-Nitrobenzèneazo)-(1)-naphtol / 4-(4-Nitrobenceno-azo)-(1)-naftol</i> $\text{NO}_2\text{C}_6\text{H}_4\text{N} = \text{NC}_{10}\text{H}_6\text{OH}$ $\text{C}_{16}\text{H}_{11}\text{N}_2\text{O}_3$ $M = 293,28 \text{ g/mol}$ 4-Nitrobenzeneazoresorcinol see 4-(4-Nitrophenylazo)-resorcinol 5-(3-Nitrobenzeneazo)-salicylic acid see Alizarin yellow GG 5-(4-Nitrobenzeneazo)-salicylic acid see Alizarin yellow R p-Nitrobenzenediazoaminobenzene-p-azobenzene see Cadion	WG. 2928	10 g	12,75	10,85	10,20	9,55
4-Nitrobenzenediazonium tetrafluoroborate PROSYNTH® <i>4-Nitrobenzènediazonium tétrafluoroborate / 4-Nitrobencenodiazónio tetrafluoroborato</i> $\text{NO}_2\text{C}_6\text{H}_4\text{N}_2\text{BF}_4$ $\text{C}_6\text{H}_4\text{BF}_4\text{N}_3\text{O}_2$ $M = 238,92 \text{ g/mol}$ assay 97 %	WG. 2928	25 g	30,25	25,70	24,20	22,70
4-Nitrobenzene sulphonylchloride PROSYNTH® <i>4-Nitrobenzène sulfonylchlorure / 4-Nitrobenceno sulfonilcloruro</i> $\text{NO}_2\text{C}_6\text{H}_4\text{SO}_2\text{Cl}$ $\text{C}_6\text{H}_4\text{ClNO}_4\text{S}$ $M = 221,62 \text{ g/mol}$ assay 97 % melting range 72–75 °C  R 23/24/25 S 44 disposal 21	WG. 2903	25 g	62,—	52,70	49,60	46,50


Code Number
A: R.C. ADR
B: GUYENON
C: IMDG CODE (GGV See)


Type of package
B.T.N.


Price per
package DM

	1x	6x	24x	96
		(1 Box)	(4 Boxes)	(16 Boxes)

15819 2-Nitroaniline
A 6.1/21F Nitro-2-aniline / 2-Nitroanilina
C 6.1 1661 2 C6H4(NH2)(NO2)
C6H5N2O2 M = 138,13 g/mol
melting range 70–71 °C
 R: 23/24/25-33 S: 28-36/37-44
disposal: 20

15820 3-Nitroaniline
A 6.1/21F Nitro-3-aniline / 3-Nitroanilina
C 6.1 1661 2 C6H4(NH2)(NO2)
C6H5N2O2 M = 138,13 g/mol
melting range 111–113 °C
 R: 23/24/25-33 S: 28-36/37-44
disposal: 20

33481 4-Nitroaniline R.G.
A 6.1/21F Nitro-4-aniline / 4-Nitroanilina
C 6.1 1661 2 O2NC6H4NH2
C6H5N2O2 M = 138,13 g/mol
assay min. 99%
melting range 146–148 °C
sulphated ash max. 0,1%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
 R: 23/24/25-33 S: 28-36/37-44
disposal: 20

15822 4-Nitroaniline pure
A 6.1/21F Nitro-4-aniline / 4-Nitroanilina
C 6.1 1661 2 C6H4(NH2)(NO2)
C6H5N2O2 M = 138,13 g/mol
assay 99,5%
melting range 146–148 °C
 R: 23/24/25-33 S: 28-36/37-44
disposal: 20




64735 2-Nitroanisole PROSYNTH®
A 6.1/21I Nitro-2-anisole / 2-Nitroanisol
C 6.1 2810 2 NO2C6H4OCH3
C7H7NO3 M = 153,14 g/mol 1 L ≈ 1,25 kg
assay (GC) 98%
boiling range 270–273 °C
refractive index (n_D²⁰) 1,561

64736 4-Nitroanisole PROSYNTH®
A 6.1/21L Nitro-4-anisole / 4-Nitroanisol
C 6.1 2811 2 NO2C6H4OCH3
C7H7NO3 M = 153,14 g/mol
assay (GC) 99%
melting range 50–52 °C

39093 N^ω-Nitro-L-arginine BIOSYNTH®
N^ω-Nitro-L-arginine / N^ω-Nitro-L-arginina
HN=C(NHNO2)NH(CH2)3CH(NH2)COOH
C6H13N5O4 M = 219,20 g/mol
spec. rotation ([α]_D²⁰; c=1 in HCl 2 mol/l) . +23,6° ± 1°

33439 2-Nitrobenzaldehyde R. G.
Aldéhyde 2-nitrobenzoïque / Aldehído 2-nitrobenzóico
C6H4(CHO)(NO2)
C7H5NO3 M = 151,12 g/mol
assay min 99%
melting range 42–44 °C
sulphated ash max. 0,1%
iron (Fe) max. 0,005%
heavy metals (as Pb) max. 0,001%
stability as required for methyl esters Caution test

WG.	250 g	13,25	11,25	10,60	9
WG.	1 kg	38,25	32,50	30,60	29
2922					
WG.	250 g	24,75	21,05	19,80	18
WG.	1 kg	82,—	69,70	65,60	63
2922					
WG.	50 g	42,—	35,70	33,60	31
2922					
WG.	250 g	18,75	15,95	15,—	14
WG.	1 kg	54,50	46,35	43,60	41
2922					
FL.	250 ml	19,75	16,80	15,80	14
2908					
WG.	250 g	17,50	14,90	14,—	13
2908					
WG.	5 g	14,75	12,55	11,80	11
2926					
WG.	5 g	11,25	9,55	9,—	8
WG.	25 g	43,—	36,55	34,40	32
2912					

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
75	3-Nitrobenzaldehyde PROSYNTH® <i>Aldéhyde 3-nitrobenzoïque / Aldehido 3-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_5\text{NO}_3$ $M = 151,12$ g/mol assay (GC) 98% melting range 55–57 °C	PF. 2912	100 g	11,75	10,—	9,40	8,80
76	4-Nitrobenzaldehyde PROSYNTH® <i>Aldéhyde 4-nitrobenzoïque / Aldehido 4-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CHO}$ $\text{C}_7\text{H}_5\text{NO}_3$ $M = 151,12$ g/mol assay (GC) 98% melting range 103–106 °C	PF. 2912	100 g	65,—	55,25	52,—	48,75
23	Nitrobenzene pure bright Erg. B. 6 <i>Nitrobenzène / Nitrobenceno</i> $\text{C}_6\text{H}_5\text{NO}_2$ $M = 123,11$ g/mol $1 \text{ L} \approx 1,20$ kg assay (GC) 99,5% boiling range 205–210 °C density (D_4^{20}) 1,203–1,205 refractive index (n_D^{20}) 1,5520–1,5540  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	FL. FL. EKL. 2903	1 L 2,5 L 35 kg	23,25 49,25 kg	19,75 40,90 6,30	18,60 38,40	17,90 36,95
77	Nitrobenzene-d_5 deuteration degree not less than 99 atom % D <i>Nitrobenzène-d_5 / Nitrobenceno-d_5</i> $\text{C}_6\text{D}_5\text{NO}_2$ $M = 128,07$ g/mol $1 \text{ L} \approx 1,20$ kg  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	A. 2851	5 ml	77,50	65,90	62,—	58,15
142	4-(4-Nitrobenzeneazo)-(1)-naphthol R. G. <i>4-(4-Nitrobenzèneazo)-(1)-naphtol / 4-(4-Nitrobenceno-azo)-(1)-naftol</i> $\text{NO}_2\text{C}_6\text{H}_4\text{N} = \text{NC}_{10}\text{H}_6\text{OH}$ $\text{C}_{16}\text{H}_{11}\text{N}_3\text{O}_3$ $M = 293,28$ g/mol	WG. 2928	10 g	12,75	10,85	10,20	9,55
	4-Nitrobenzeneazoresorcinol see 4-(4-Nitrophenylazo)-resorcinol 5-(3-Nitrobenzeneazo)-salicylic acid see Alizarin yellow GG 5-(4-Nitrobenzeneazo)-salicylic acid see Alizarin yellow R p-Nitrobenzenediazoaminobenzene-p-azobenzene see Cadion						
260	4-Nitrobenzenediazonium tetrafluoroborate PROSYNTH® <i>4-Nitrobenzènediazonium tétrafluoroborate / 4-Nitrobencenodiazónio tetrafluoroborato</i> $\text{NO}_2\text{C}_6\text{H}_4\text{N}_2\text{BF}_4$ $\text{C}_6\text{H}_4\text{BF}_4\text{N}_3\text{O}_2$ $M = 236,92$ g/mol assay 97%	WG. 2928	25 g	30,25	25,70	24,20	22,70
738	4-Nitrobenzene sulphonylchloride PROSYNTH® <i>4-Nitrobenzène sulfonylchlorure / 4-Nitrobenceno sulfonilcloruro</i> $\text{NO}_2\text{C}_6\text{H}_4\text{SO}_2\text{Cl}$ $\text{C}_6\text{H}_4\text{ClNO}_4\text{S}$ $M = 221,62$ g/mol assay 97% melting range 72–75 °C  R: 23/24/25 S: 44 disposal: 21	WG. 2903	25 g	62,—	52,70	49,60	46,50

Code Number
A) A.S. A.S.R.
B) C.V. 100/100
C) M.D.S. CODE (GySeel)

Type of package
B.T.N.




Price per
package DM




1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(16 Boxes)

		PF. 2914	250 g	22,25	18,90	17,80	16,
62878	2-Nitrobenzoic acid PROSYNTH® <i>Acide 2-nitrobenzoïque / Acido 2-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{COOH}$ $\text{C}_7\text{H}_5\text{NO}_4$ $M = 167,12$ g/mol assay (alkalimetric) 99% melting range 147–149 °C						
62879	3-Nitrobenzoic acid PROSYNTH® <i>Acide 3-nitrobenzoïque / Acido 3-nitrobenzóico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{COOH}$ $\text{C}_7\text{H}_5\text{NO}_4$ $M = 167,12$ g/mol assay (alkalimetric) 99% melting range 139–141 °C	PF. 2914	500 g	31,50	26,80	25,20	24,
27723	4-Nitrobenzoic acid <i>Acide 4-nitrobenzoïque / Acido 4-nitrobenzóico</i> $\text{C}_6\text{H}_4(\text{COOH})(\text{NO}_2)$ $\text{C}_7\text{H}_5\text{NO}_4$ $M = 167,12$ g/mol assay 99,5% melting range 238–239 °C sulphated ash 0,1% Nitrobenzoic acid chloride see Nitrobenzoyl chloride	WG. WG. S. 2914	250 g 1 kg 50 kg	13,75 35,— price on request	11,70 29,75	11,— 28,—	10, 26,
62880	3-Nitrobenzoic acid sodium salt PROSYNTH® <i>Acide 3-nitrobenzoïque sel sodique / Acido 3-nitrobenzóico sal sódica</i> $\text{NO}_2\text{C}_6\text{H}_4\text{COONa}$ $\text{C}_7\text{H}_4\text{NNaO}_4$ $M = 189,10$ g/mol	PF. 2914	500 g	49,25	41,85	39,40	37,
65064	2-Nitrobenzonitrile PROSYNTH® <i>2-Nitrobenzonitrile / 2-Nitrobenzonitrilo</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_4\text{N}_2\text{O}_2$ $M = 148,12$ g/mol assay (HPLC) 97% melting range 108–110 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2927	10 g	26,—	22,10	20,80	19,
63681	3-Nitrobenzonitrile PROSYNTH® <i>3-Nitrobenzonitrile / 3-Nitrobenzonitrilo</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_4\text{N}_2\text{O}_2$ $M = 148,12$ g/mol assay (ex N) 95% melting range 109–112 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2927	10 g	38,75	32,95	31,—	29,
65065	4-Nitrobenzonitrile PROSYNTH® <i>4-Nitrobenzonitrile / 4-Nitrobenzonitrilo</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CN}$ $\text{C}_7\text{H}_4\text{N}_2\text{O}_2$ $M = 148,12$ g/mol assay (HPLC) 97% melting range 144–147 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2927	10 g	26,—	22,10	20,80	19,
61079	2-Nitrobenzotrifluoride PROSYNTH® <i>2-Nitrobenzotrifluorure / 2-Nitrobenzotrifluoruro</i> $\text{C}_6\text{H}_4(\text{CF}_3)(\text{NO}_2)$ $\text{C}_7\text{H}_4\text{F}_3\text{NO}_2$ $M = 191,11$ g/mol assay (GC) 98% melting range 27–29 °C	WG. 2903	25 g	14,—	11,90	11,20	10,

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
1080	3-Nitrobenzotrifluoride PROSYNTH® 3-Nitrobenzotrifluorure / 3-Nitrobenzotrifluoruro C ₆ H ₄ (CF ₃)(NO ₂) C ₇ H ₄ F ₃ NO ₂ M = 191,11 g/mol 1 L ≈ 1,43 kg assay (GC) 97% boiling range 200–202 °C refractive index (n _D ²⁰) 1,471	FL. 2903	100 ml	30,25	25,70	24,20	22,70
5188	2-Nitrobenzoyl chloride PROSYNTH® 2-Nitrobenzoyle chlorure / 2-Nitrobenzoilo cloruro NO ₂ C ₆ H ₄ COCl C ₇ H ₄ ClNO ₃ M = 185,57 g/mol 1 L ≈ 1,41 kg assay (GC) 98% boiling range (at 24 mbar) 150–152 °C  R: 34 S: 26 disposal: 21	FL. 2914	100 ml	63,50	54,—	50,80	47,65
2881	3-Nitrobenzoyl chloride PROSYNTH® 3-Nitrobenzoyle chlorure / 3-Nitrobenzoilo cloruro NO ₂ C ₆ H ₄ COCl C ₇ H ₄ ClNO ₃ M = 185,57 g/mol assay (GC) 99% melting range 30–32 °C  R: 34 S: 26 disposal: 21	FL. 2914	250 g	35,—	29,75	28,—	26,25
50232	4-Nitrobenzoyl chloride PROSYNTH® 4-Nitrobenzoyle chlorure / 4-Nitrobenzoilo cloruro C ₆ H ₄ (NO ₂)(COCl) C ₇ H ₄ ClNO ₃ M = 185,57 g/mol assay 98% melting range 71–74 °C  R: 34 S: 26 disposal: 21	PF. PF. 2914	500 g 2,5 kg	49,50 197,—	42,10 163,50	39,60 153,65	38,10 147,75
62882	2-Nitrobenzyl alcohol PROSYNTH® Alcool 2-nitrobenzylique / Alcohol 2-nitrobencílico NO ₂ C ₆ H ₄ CH ₂ OH C ₇ H ₇ NO ₃ M = 153,14 g/mol assay (GC) 98% melting range 70–72 °C	FL. 2905	5 g	21,—	17,85	16,80	15,75
65066	3-Nitrobenzyl alcohol PROSYNTH® Alcool 3-nitrobenzylique / Alcohol 3-nitrobencílico NO ₂ C ₆ H ₄ CH ₂ OH C ₇ H ₇ NO ₃ M = 153,14 g/mol 1 L ≈ 1,22 kg assay (GC) 98% boiling range (at 8 mbar) 168–170 °C refractive index (n _D ²⁰) 1,573	FL. 2905	10 ml	28,50	24,25	22,80	21,40
62883	4-Nitrobenzyl alcohol PROSYNTH® Alcool 4-nitrobenzylique / Alcohol 4-nitrobencílico NO ₂ C ₆ H ₄ CH ₂ OH C ₇ H ₇ NO ₃ M = 153,14 g/mol assay (GC) 98% melting range 91–93 °C	WG. 2905	25 g	31,75	27,—	25,40	23,80
62884	4-Nitrobenzyl bromide PROSYNTH® 4-Nitrobenzyle bromure / 4-Nitrobencilo bromuro NO ₂ C ₆ H ₄ CH ₂ Br C ₇ H ₆ BrNO ₂ M = 216,03 g/mol assay (GC) 98% melting range 96–98 °C	WG. 2903	100 g	46,50	39,55	37,20	34,90

Code Number
A: RHD-ADR
B: GGVS-GGVS
C: IMDG CODE (GGVSee)

Type of package
B.T.N.




Price per
package DM




1x
(1 Box)

6x
(4 Boxes)

24x
(4 Boxes)

96x
(16 Boxes)

65067	2-Nitrobenzyl chloride PROSYNTH® <i>2-Nitrobenzyle chlorure / 2-Nitrobencilo cloruro</i> <chem>NO2C6H4CH2Cl</chem> <chem>C7H6ClNO2</chem> $M = 171,58 \text{ g/mol}$ assay (HPLC) 99% melting range 48–50 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2903	10 g	40,—	34,—	32,—	30,—
65214	3-Nitrobenzyl chloride PROSYNTH® <i>3-Nitrobenzyle chlorure / 3-Nitrobencilo cloruro</i> <chem>NO2C6H4CH2Cl</chem> <chem>C7H6ClNO2</chem> $M = 171,58 \text{ g/mol}$ melting range 46–47 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2903	100 g	price on request			
64847	4-Nitrobenzyl chloroformate PROSYNTH® <i>4-Nitrobenzyle chloroformiate / 4-Nitrobencilo cloroformiato</i> <chem>ClCOOCH2C6H4NO2</chem> <chem>C8H6ClNO4</chem> $M = 215,59 \text{ g/mol}$ assay (ex Cl) 97% melting range 32–34 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2914	10 g	26,25	22,30	21,—	19,7
63908	3-Nitrobenzyl iodide PROSYNTH® <i>3-Nitrobenzyle iodure / 3-Nitrobencilo yoduro</i> <chem>O2NC6H4CH2I</chem> <chem>C7H6JNO2</chem> $M = 263,03 \text{ g/mol}$ assay (ex I) 98% melting range 82–84 °C	FL. 2903	1 g	26,25	22,30	21,—	19,7
33468	4-(4-Nitrobenzyl)-pyridine R. G. <i>4-(4-Nitrobenzyl)-pyridine / 4-(4-Nitrobencil)-piridina</i> $N = CHCH = C(CH_2C_6H_4NO_2)_2CH = CH$ <chem>C12H10N2O2</chem> $M = 214,22 \text{ g/mol}$	WG. 2935	10 g	38,25	32,50	30,60	28,7
33753	4-Nitro-1-bromomethylbenzene see 4-Nitrobenzyl bromide Nitro-BT (Nitro-blue tetrazolium chloride) Nitrochlorobenzene see 2-Chloronitrobenzene	FL. 2930	1 g	114,50	97,35	91,60	85,9
65218	4-Nitrocinnamaldehyde PROSYNTH® <i>Aldéhyde 4-nitrocinnamique / Aldehído 4-nitrocinámico</i> <chem>NO2C6H4CH = CHCHO</chem> <chem>C9H7NO3</chem> $M = 177,16 \text{ g/mol}$ melting range 137–138 °C	WG. 2912	25 g	price on request			
65071	2-Nitrocinnamaldehyde PROSYNTH® <i>Aldéhyde 2-nitrocinnamique / Aldehído 2-nitrocinámico</i> <chem>NO2C6H4CH = CHCHO</chem> <chem>C9H7NO3</chem> $M = 177,16 \text{ g/mol}$ assay 97% melting range 124–126 °C	WG. 2912	10 g	28,25	24,—	22,60	21,2
62904	trans-2-Nitrocinnamic acid PROSYNTH® <i>Acide trans-2-nitrocinnamique / Acido trans-2-nitrocinámico</i> <chem>NO2C6H4CH = CHCOOH</chem> <chem>C9H7NO4</chem> $M = 193,16 \text{ g/mol}$ assay (alkalimetric) 99% melting range 241–243 °C	WG. 2914	10 g	29,50	25,10	23,60	22,1

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
219	4-Nitrocinnamic acid PROSYNTH® <i>Acide 4-nitrocinnamique / Acido 4-nitrocínámico</i> $\text{NO}_2\text{C}_6\text{H}_4\text{CH}=\text{CHCOOH}$ $\text{C}_9\text{H}_7\text{NO}_4$ $M=193,16$ g/mol melting range 285—290 °C	PF. 2914	100 g	price on request		
216	3-Nitro-o-cresol PROSYNTH® <i>3-Nitro-o-crésol / 3-Nitro-o-cresol</i> $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)\text{OH}$ $\text{C}_7\text{H}_7\text{NO}_3$ $M=153,14$ g/mol melting range 133—135 °C	WG. 2907	25 g	price on request		
	 R: 24/25-34 S: 2-28-44 disposal: 20					
2887	4-Nitro-m-cresol PROSYNTH® <i>4-Nitro-m-crésol / 4-Nitro-m-cresol</i> $\text{CH}_3\text{C}_6\text{H}_3(\text{NO}_2)\text{OH}$ $\text{C}_7\text{H}_7\text{NO}_3$ $M=153,14$ g/mol melting range 125—128 °C	WG. 2907	100 g	59,—	50,15	47,20 44,25
	 R: 24/25-34 S: 2-28-44 disposal: 20					
	5-Nitro-1,3-dimethylbenzene see 5-Nitro-m-xylene					
	5-Nitro-2,4-dioxotetrahydropyrimidine see 5-Nitrouracil					
3683	2-Nitrodiphenylamine PROSYNTH® <i>2-Nitrodiphénylamine / 2-Nitrodifenilamina</i> $\text{NO}_2\text{C}_6\text{H}_4\text{NHC}_6\text{H}_4$ $\text{C}_{12}\text{H}_{10}\text{N}_2\text{O}_2$ $M=214,22$ g/mol melting range 72—75 °C	WG. 2922	250 g	40,75	34,65	32,60 30,55
2873	Nitroethane PROSYNTH® <i>Nitroéthane / Nitroetano</i> $\text{C}_2\text{H}_5\text{NO}_2$ $M=75,07$ g/mol $1\text{ L} \approx 1,05$ kg assay (GC) 97% boiling range 112—114 °C refractive index (n_D^{20}) 1,391	FL. 2903	250 ml	14,75	12,55	11,80 11,05
	 R: 10-20/22 S: 9-25-41 disposal: 20					
5063	2-Nitroethanol PROSYNTH® <i>2-Nitroéthanol / 2-Nitroetanol</i> $\text{NO}_2\text{CH}_2\text{CH}_2\text{OH}$ $\text{C}_2\text{H}_5\text{NO}_3$ $M=91,07$ g/mol $1\text{ L} \approx 1,30$ kg assay (GC) 97% boiling range 192—194 °C refractive index (n_D^{20}) 1,445	FL. 2904	5 ml	29,50	25,10	23,60 22,15
63684	2-Nitroethylbenzene PROSYNTH® <i>2-Nitroéthylbenzène / 2-Nitroetilbenceno</i> $\text{NO}_2\text{C}_6\text{H}_4\text{C}_2\text{H}_5$ $\text{C}_8\text{H}_9\text{NO}_2$ $M=151,16$ g/mol $1\text{ L} \approx 1,12$ kg assay (GC) 99% boiling range (at 29 mbar) 114—116 °C refractive index (n_D^{20}) 1,535	FL. 2903	1 L	34,50	29,35	27,60 26,55
63685	4-Nitroethylbenzene PROSYNTH® <i>4-Nitroéthylbenzène / 4-Nitroetilbenceno</i> $\text{NO}_2\text{C}_6\text{H}_4\text{C}_2\text{H}_5$ $\text{C}_8\text{H}_9\text{NO}_2$ $M=151,16$ g/mol $1\text{ L} \approx 1,12$ kg assay (GC) 99% boiling range 244—246 °C refractive index (n_D^{20}) 1,545	FL. 2903	250 ml	51,—	43,35	40,80 38,25

Code Number
A: R.D. ADR
B: C.C.V.E./C.C.V.S.
C: I.M.D.G. C.C.V.E./C.C.V.See

Type of package
B.T.N.



Price per
package DM




1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Code Number	Description	Type of package B.T.N.	Price per package DM				
			1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)	
62885	2-Nitrofluorene PROSYNTH® 2-Nitrofluorène / 2-Nitrofluoreno $C_{13}H_9NO_2$ $M = 211,22$ g/mol melting range 157–159 °C 2-Nitro-1-hydroxybenzene see 2-Nitrophenol 4-Nitro-1-hydroxybenzene see 4-Nitrophenol 2-Nitro-2-hydroxymethylpropanediol-(1,3) see Tris-(hydroxymethyl)-nitromethane	WG. 2903	100 g	113,50	96,50	90,80	85,
22071	5-Nitro-8-hydroxyquinoline 5-Nitro-8-hydroxyquinoléine / 5-Nitro-8-hidroxiquinolina $NO_2C_6H_2(OH)CH=CHCH=N$ $C_9H_6N_2O_3$ $M = 190,16$ g/mol assay 99,5% melting range 177–180 °C loss on drying (80 °C, 3 h) 0,3% sulphated ash (850 °C) 0,5% chloride (Cl) 0,003% sulphate (SO ₄) 0,003% 2-Nitro-α-hydroxytoluene see 2-Nitrobenzyl alcohol 4-Nitro-α-hydroxytoluene see 4-Nitrobenzyl alcohol 6-Nitro-3-hydroxytoluene see 4-Nitro-m-cresol	PF. 2935	1 kg	481,—	408,85	384,80	370,
65068	5-Nitroindane PROSYNTH® 5-Nitroindane / 5-Nitroindano $NO_2C_6H_3CH_2CH_2CH_2$ $C_9H_9NO_2$ $M = 163,18$ g/mol assay 97% melting range 38–40 °C	WG. 2903	25 g	18,—	15,30	14,40	13
63686	5-Nitroindazole PROSYNTH® 5-Nitroindazole / 5-Nitroindazol $NO_2C_6H_3NHN=CH$ $C_7H_5N_3O_2$ $M = 163,14$ g/mol assay 97% melting range 205–208 °C	WG. 2935	25 g	43,25	36,75	34,60	32
63689	Nitromesitylene PROSYNTH® Nitromésitylène / Nitromesitileno $NO_2C_6H_2(CH_3)_3$ $C_9H_{11}NO_2$ $M = 165,19$ g/mol assay (GC) 99% melting range 42–44 °C	WG. 2903	100 g	38,75	32,95	31,—	29
30846	Nitromethane min. 99,9% for gas chromatography Nitrométhane / Nitrometano CH_3NO_2 $M = 61,04$ g/mol 1 L ≈ 1,13 kg  R: 5-10-22 S: 41 disposal: 20	FL. 2903	5 ml	49,25	41,85	39,40	36
62889	Nitromethane PROSYNTH® Nitrométhane / Nitrometano CH_3NO_2 $M = 61,04$ g/mol 1 L ≈ 1,13 kg assay (GC) 99% boiling range 98–100 °C refractive index (n _D ²⁰) 1,382 keep cool à stocker au frais conservez froid  R: 5-10-22 S: 41 disposal: 20	FL. ALU. 2903	250 ml † 5 L	23,50 377,—	20,— 312,90	18,80 294,05	17 282

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
064	Nitromethane-d₃ deuteration degree not less than 99 atom % D <i>Nitrométhane-d₃ / Nitrometano-d₃</i> CD ₃ NO ₂ M = 64,00 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la hedera  R: 5-10-22 S: 41 disposal: 20	A. 2851	10 ml	99,—	84,15	79,20	74,25
	3-Nitro-4-methoxy-1-acetylbenzene see 4-Methoxy-3-nitroacetophenone 2-Nitro-1-methylbenzene see 2-Nitrotoluene 3-Nitro-1-methylbenzene see 3-Nitrotoluene 4-Nitro-1-methylbenzene see 4-Nitrotoluene						
3443	Nitron R. G. , reagent for nitric acid <i>Nitron / Nitrón</i> C ₂₀ H ₁₆ N ₄ M = 312,37 g/mol assay min. 90% melting range 187—189 °C insoluble in acetic acid (5%) max. 0,005% sulphated ash max. 0,1% suitability for determination of nitrate passes test	WG. WG. 2935	5 g 25 g	12,— 45,—	10,20 38,25	9,60 36,—	9,— 33,75
0236	1-Nitronaphthalene PROSYNTH® <i>1-Nitronaphtalène / 1-Nitronaftaleno</i> C ₆ H ₄ C(NO ₂) = CHCH = CH C ₁₀ H ₇ NO ₂ M = 173,17 g/mol assay (GC) 99% melting range 53—57 °C	WG. WG. 2903	500 g 1 kg	27,75 51,—	23,60 43,35	22,20 40,80	21,35 39,25
5069	2-Nitronaphthalene PROSYNTH® <i>2-Nitronaphtalène / 2-Nitronaftaleno</i> C ₁₀ H ₇ NO ₂ M = 173,17 g/mol	WG. 2903	5 g	25,50	21,70	20,40	19,15
	2-Nitro-α-oxotoluene see 2-Nitrobenzaldehyde 3-Nitro-α-oxotoluene see 3-Nitrobenzaldehyde 4-Nitro-α-oxotoluene see 4-Nitrobenzaldehyde						
33444	2-Nitrophenol R. G. <i>2-Nitrophénol / 2-Nitrofenol</i> C ₆ H ₄ (OH)(NO ₂) C ₆ H ₅ NO ₃ M = 139,11 g/mol melting range 44—45 °C sulphated ash max. 0,01%  R: 20/21/22-33 S: 28 disposal: 20	WG. WG. 2907	25 g 100 g	8,25 25,—	7,— 21,25	6,60 20,—	6,20 18,75
2890	2-Nitrophenol PROSYNTH® <i>2-Nitrophénol / 2-Nitrofenol</i> C ₆ H ₄ (OH)(NO ₂) C ₆ H ₅ NO ₃ M = 139,11 g/mol assay (HPLC) 98% melting range 44—46 °C  R: 20/21/22-33 S: 28 disposal: 20	WG. 2907	100 g	9,50	8,10	7,60	7,15

Code-Number
A) EDV-ACH
B) EDV-ACH
C) IMUG CODE (GGVSee)

33446 3-Nitrophenol indicator
3-Nitrophénol / 3-Nitrofenol
A 6.1/21L
C 6.1 1663 3
C6H4(OH)(NO2)
C6H5NO3 $M = 139,11$ g/mol



R: 20/21/22-33 S: 28
disposal: 20

WG.
2907

25 g 27,25 23,15 21,80 20

33445 4-Nitrophenol indicator
4-Nitrophénol / 4-Nitrofenol
A 6.1/21L
C 6.1 1663 3
C6H4(OH)(NO2)
C6H5NO3 $M = 139,11$ g/mol



R: 20/21/22-33 S: 28
disposal: 20

WG.
WG.
2907

25 g 10,75 9,15 8,60 8
100 g 21,75 18,50 17,40 16

35836 4-Nitrophenol min. 99% PESTANAL®
4-Nitrophénol / 4-Nitrofenol
A 6.1/21L
C 6.1 1663 3
HOc1ccc([N+](=O)[O-])cc1
C6H5NO3 $M = 139,11$ g/mol



R: 20/21/22-33 S: 28
disposal: 20

FL.
2907

5 g 14,25 12,10 11,40 10

60238 4-Nitrophenol PROSYNTH®
4-Nitrophénol / 4-Nitrofenol
A 6.1/21L
C 6.1 1663 3
C6H4(OH)(NO2)
C6H5NO3 $M = 139,11$ g/mol
assay (HPLC) 98%
melting range 109–112 °C



R: 20/21/22-33 S: 28
disposal: 20

WG.
2907

1 kg 37,— 31,45 29,60 28

33477 2-Nitrophenol-4-arsonic acid R. G.
Acide 2-nitrophénolarsonique-(4) / Acido 2-nitrofenolarsónico-(4)
A 6.1/52A
C 6.1 1557 3
HOc1ccc([N+](=O)[O-])cc1As(=O)(=O)O
C6H6AsNO6 $M = 263,04$ g/mol



R: 23/25 S: 1/2-20/21-28-44
disposal: 10

WG.
2934

100 g 28,75 24,45 23,— 21

39107 4-Nitrophenyl acetate BIOSYNTH®
4-Nitrophényle acétate / 4-Nitrofenilo acetato
CH3COOC6H4NO2
C6H7NO4 $M = 181,15$ g/mol
melting range 75–77 °C
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

WG.
2914

5 g 25,50 21,70 20,40 19

62893 2-Nitrophenylacetic acid PROSYNTH®
Acide 2-nitrophénylacétique / Acido 2-nitrofenilacético
NO2C6H4CH2COOH
C6H7NO4 $M = 181,15$ g/mol
assay (alkalimetric) 99%
melting range 137–140 °C

WG.
2914



10 g 19,75 16,80 15,80 14

62894 4-Nitrophenylacetic acid PROSYNTH®
Acide 4-nitrophénylacétique / Acido 4-nitrofenilacético
NO2C6H4CH2COOH
C6H7NO4 $M = 181,15$ g/mol
assay (alkalimetric) 99%
melting range 153–155 °C

WG.
2914

100 g 80,— 68,— 64,— 60

(4-Nitrophenyl)acetic acid nitrile see (4-Nitrophenyl)-
acetonitrile

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x /	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
392	4-Nitrophenylacetonitrile PROSYNTH® 4-Nitrophénylacétonitrile / 4-Nitrofenilacetoneitrilo NO ₂ C ₆ H ₄ CH ₂ CN C ₈ H ₆ N ₂ O ₂ M = 162,15 g/mol assay (ex N) 98% melting range 114 – 115 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	63,50	54,—	50,80	47,65
32	4-(4-Nitrophenylazo)-resorcinol adsorption indicator 4-(4-Nitrophénylazo)-résorcinol / 4-(4-Nitrofenilazo)-resorcina NO ₂ C ₆ H ₄ N = NC ₆ H ₃ (OH) ₂ C ₁₂ H ₉ N ₃ O ₄ M = 259,22 g/mol	WG. 2928	25 g	25,75	21,90	20,60	19,30
391	4-Nitrophenyl chloroformate PROSYNTH® Nitro-4-phényle chloroformiate / 4-Nitrofenilo cloroformiato ClCOOC ₆ H ₄ NO ₂ C ₇ H ₄ ClNO ₄ M = 201,57 g/mol assay (Cl) 97% melting range 76 – 79 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 23/24/25 S: 44 disposal: 20	WG. 2914	25 g	111,50	94,80	89,20	83,65
9117	2-Nitrophenyl-β-D-galactopyranoside BIOSYNTH® 2-Nitrophényl-β-D-galactopyranoside / 2-Nitrofenil-β-D-galactopiranosido HOCH ₂ CH(CHOH) ₃ CH(OC ₆ H ₄ NO ₂)O C ₁₂ H ₁₅ NO ₈ M = 301,25 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2941	5 g	130,50	110,95	104,40	97,90
9116	4-Nitrophenyl-α-D-galactopyranoside BIOSYNTH® 4-Nitrophényl-α-D-galactopyranoside / 4-Nitrofenil-α-D-galactopiranosido HOCH ₂ CH(CHOH) ₃ CH(OC ₆ H ₄ NO ₂)O C ₁₂ H ₁₅ NO ₈ M = 301,25 g/mol spec. rotation ([α] _D ²⁰ ; c = 1,2 in H ₂ O) +242° ± 3° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2941	1 g	60,—	51,—	48,—	45,—
9118	4-Nitrophenyl-α-D-glucopyranoside BIOSYNTH® 4-Nitrophényl-α-D-glucopyranoside / 4-Nitrofenil-α-D-glucopiranosido HOCH ₂ CH(CHOH) ₃ CH(OC ₆ H ₄ NO ₂)O C ₁₂ H ₁₅ NO ₈ M = 301,25 g/mol specific rotation ([α] _D ²⁰ ; c = 0,5 in H ₂ O) +220° ± 1° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2943	1 g	31,—	26,35	24,80	23,25
9119	4-Nitrophenyl-β-D-glucopyranoside BIOSYNTH® 4-Nitrophényl-β-D-glucopyranoside / 4-Nitrofenil-β-D-glucopiranosido HOCH ₂ CH(CHOH) ₃ CH(OC ₆ H ₄ NO ₂)O C ₁₂ H ₁₅ NO ₈ M = 301,25 g/mol specific rotation ([α] _D ²⁰ ; c = 1 in H ₂ O) -103° ± 2° keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2941	1 g	29,50	25,10	23,60	22,15

Code Number
A) R.D. ADR
B) GIVE, GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

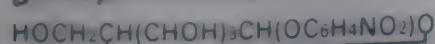
1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

39365 2-Nitrophenyl-β-D-glucopyranoside BIOSYNTH®
2-Nitrophényle-β-D-glucopyranoside / 2-Nitrofenil-β-D-glucopiranosida



$\text{C}_{12}\text{H}_{15}\text{NO}_8$ $M = 301,25$ g/mol

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera

FL.
2935

1 g 43,75 37,20 35,— 32,—

63915 2-Nitrophenylhydrazine PROSYNTH®
2-Nitrophénylhydrazine / 2-Nitrofenilhidracina

A 6.1/21L

C 6.1 2811 2



$\text{C}_6\text{H}_7\text{N}_3\text{O}_2$ $M = 153,14$ g/mol

assay (ex N) 90%

melting range 87—90 °C

WG.
2929

5 g 30,75 26,15 24,60 23,—

33449 4-Nitrophenylhydrazine R. G.
4-Nitrophénylhydrazine / 4-Nitrofenilhidracina

A 6.1/21L

C 6.1 2811 2



$\text{C}_6\text{H}_7\text{N}_3\text{O}_2$ $M = 153,14$ g/mol

melting range 156—157 °C (disintegration)

insoluble in acetic acid max. 0,005%

sulphated ash max. 0,1%

suitability for detection of carbonyl groups passes test

WG.
2929

25 g 40,— 34,— 32,— 30,—



R: 23/24/25-36 S: 28-44

disposal: 20

65070 3-Nitrophenylhydrazinium chloride PROSYNTH®
Nitro-3-phénylhydrazine chlorhydrate / 3-Nitrofenilhidracinio cloruro



$\text{C}_6\text{H}_8\text{ClN}_3\text{O}_2$ $M = 189,60$ g/mol

assay (ex Cl) 98%

melting range 213—215 °C (disint.)

WG.
2929

5 g 26,— 22,10 20,80 19,—

64745 4-Nitrophenylhydrazinium chloride PROSYNTH®
Nitro-4-phénylhydrazine chlorhydrate / 4-Nitrofenilhidracinio cloruro



$\text{C}_6\text{H}_8\text{ClN}_3\text{O}_2$ $M = 189,60$ g/mol

assay (Cl) 99%

melting range 205—210 °C (disint.)

WG.
2929

25 g 77,— 65,45 61,60 57,—

39120 4-Nitrophenyl sulphate potassium salt BIOSYNTH®
4-Nitrophényle sulfate sel potassique / 4-Nitrofenilo sulfato sal potásica



$\text{C}_6\text{H}_4\text{KNO}_6\text{S}$ $M = 257,26$ g/mol

FL.
2921

1 g 11,50 9,80 9,20 8,—

61460 4-Nitrophenyl trifluoroacetate PROSYNTH®
Nitro-4-phényle trifluoroacétate / 4-Nitrofenilo trifluoroacetato

A 6.1/21

C 6.1 2811 2



$\text{C}_6\text{H}_4\text{F}_3\text{NO}_4$ $M = 235,12$ g/mol

assay (GC) 98%

melting range 36—38 °C

WG.
2914

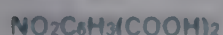
5 g 28,25 24,— 22,60 21,—



R: 26/27/28 S: 1/2-13-45

disposal: 20

63688 2-Nitro-iso-phthalic acid PROSYNTH®
Acide 2 nitro-iso-phthalique / Acido 2-nitro-iso-ftálico






$\text{C}_8\text{H}_5\text{NO}_6$ $M = 211,13$ g/mol

assay (alkalimetric) 98%

melting range 308—310 °C

WG.
2915

25 g 35,75 30,40 28,60 26,—

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
418	3-Nitrophthalic acid PROSYNTH® <i>Acide 3-nitrophthalique / Acido 3-nitroftálico</i> $\text{NO}_2\text{C}_6\text{H}_3(\text{COOH})_2$ $\text{C}_8\text{H}_5\text{NO}_6$ $M = 211,13$ g/mol assay (alkalimetric) 99% melting range 216–219 °C	WG. 2915	100 g	35,75	30,40	28,60	26,80
897	3-Nitrophthalic anhydride PROSYNTH® <i>Anhydride 3-nitrophthalique / Anhidrido 3-nitroftálico</i> $\text{NO}_2\text{C}_6\text{H}_3\text{COOCO}$ $\text{C}_8\text{H}_3\text{NO}_5$ $M = 193,12$ g/mol assay 98% melting range 162–164 °C	WG. 2915	50 g	64,—	54,40	51,20	48,—
847 3/3 3.3 2608 3 10 °C	2-Nitropropane min. 99,9% for gas chromatography <i>2-Nitropropane / 2-Nitropropano</i> $(\text{CH}_3)_2\text{CHNO}_2$ $\text{C}_3\text{H}_7\text{NO}_2$ $M = 89,09$ g/mol 1 L ≈ 0,99 kg  R: 10-20/21/22 S: 9 disposal: 20	FL. 2903	5 ml	49,25	41,85	39,40	36,95
899 3/3 3.3 2608 3 40 °C	2-Nitropropane PROSYNTH® <i>2-Nitropropane / 2-Nitropropano</i> $(\text{CH}_3)_2\text{CHNO}_2$ $\text{C}_3\text{H}_7\text{NO}_2$ $M = 89,09$ g/mol 1 L ≈ 0,99 kg assay (GC) 97% boiling range 118–120 °C refractive index (n_D^{20}) 1,394  R: 10-20/21/22 S: 9 disposal: 20	FL. 2903	1 L	22,—	18,70	17,60	16,95
	5-Nitropseudocumene see 1,2,4-Trimethyl-5-nitrobenzene						
2900 6.1/21 6.1 2811 2	4-Nitropyridine-1-oxide PROSYNTH® <i>4-Nitropyridine-1-oxyde / 4-Nitropiridina-1-óxido</i> $\text{ON}=\text{CHCH}=\text{C}(\text{NO}_2)\text{CH}=\text{CH}$ $\text{C}_5\text{H}_4\text{N}_2\text{O}_3$ $M = 140,10$ g/mol assay 97% melting range 160–162 °C	WG. 2935	10 g	9,50	8,10	7,60	7,15
3469	4-Nitropyrocatechol R. G. <i>4-Nitropyrocatechol / 4-Nitropirotequina</i> $\text{NO}_2\text{C}_6\text{H}_3(\text{OH})_2$ $\text{C}_6\text{H}_5\text{NO}_4$ $M = 155,11$ g/mol	WG. 2907	5 g	31,25	26,55	25,—	23,45
4748 6.1/21 6.1 2811 2	Nitrosobenzene PROSYNTH® <i>Nitrosobenzène / Nitrosobenceno</i> $\text{C}_6\text{H}_5\text{NO}$ $M = 107,11$ g/mol assay (GC) 98% melting range 65–68 °C keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera  R: 26/27/28-33 S: 28-36/37-45 disposal: 20	WG. 2903	25 g	104,—	88,40	83,20	78,—
64749 A 6.1/21 C 6.1 2810 2	N-Nitrosodiethylamine PROSYNTH® <i>N-Nitrosodiéthylamine / N-Nitrosodietilamina</i> $(\text{C}_2\text{H}_5)_2\text{NNO}$ $\text{C}_4\text{H}_{10}\text{N}_2\text{O}$ $M = 102,14$ g/mol 1 L ≈ 0,95 kg assay (GC) 97% boiling range 174–176 °C refractive index (n_D^{20}) 1,439	FL. 2922	25 ml	48,75	41,45	39,—	36,55

Code Number
A: RMD/ADR
B: RVE/SGVS
C: (MDO, CODE) (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

63691 4-Nitroso-N,N-diethylaniline PROSYNTH®
A 6.1/21F 4-Nitroso-N,N-diethylaniline / 4-Nitroso-N,N-diethylanilina
C 6.1 2811 2 (C₂H₅)₂NC₆H₄NO
C₁₆H₁₈N₂O M = 178,23 g/mol
assay (ex N) 97%
melting range 83–85 °C



R: 23/24/25-33 S: 28-37-44
disposal: 10

WG.
2922

50 g 51,— 43,35 40,80 38,—

33478 4-Nitroso-N,N-dimethylaniline R. G.
A 6.1/21F 4-Nitroso-N,N-dimethylaniline / 4-Nitroso-N,N-
C 6.1 2811 3 dimethylanilina
(CH₃)₂NC₆H₄NO
C₈H₁₀N₂O M = 150,18 g/mol
assay min. 99%
melting range 84–86 °C
sulphated ash max. 0,1%



R: 23/24/25-33 S: 28-37-44
disposal: 10

WG.
2922

50 g 29,— 24,65 23,20 21,—

63692 N-Nitrosodiphenylamine PROSYNTH®
N-Nitrosodiphenylamine / N-Nitrosodifenilamina
(C₆H₅)₂NNO
C₁₂H₁₀N₂O M = 198,22 g/mol
assay (ex N) 95%
melting range 64–66 °C



R: 20/21/22 S: 28
disposal: 10

WG.
2922

250 g 21,50 18,30 17,20 16,—

33453 1-Nitrosonaphthol-(2) R. G.
1-Nitrosonaphthol-(2) / 1-Nitrosonaftol-(2)
C₁₀H₇(OH)(NO)
C₁₀H₇NO₂ M = 173,17 g/mol
melting range 107–109 °C
sulphated ash max. 0,2%
suitability for determination of metals passes test

WG.
WG.
2907

25 g 16,25 13,80 13,— 12,—
100 g 50,— 42,50 40,— 37,—

33451 2-Nitrosonaphthol-(1) R. G.
2-Nitrosonaphthol-(1) / 2-Nitrosonaftol-(1)
C₁₀H₇(OH)(NO)
C₁₀H₇NO₂ M = 173,17 g/mol
melting range 149–150 °C
sulphated ash max. 0,2%
suitability for determination of metals passes test

WG.
WG.
2907

5 g 21,— 17,85 16,80 15,—
25 g 84,— 71,40 67,20 63,—

1-Nitrosonaphthol-3,6-disulphonic acid sodium salt
see Nitroso-R-salt

N-Nitroso-1-naphthylhydroxylamine, ammonium salt
see Neocupferron

64116 4-Nitrosophenazone PROSYNTH®
4-Nitrosophenazone / 4-Nitrosophenazona
C₁₁H₇N₃O₂ M = 217,23 g/mol
assay 95%

WG.
2935

25 g 32,50 27,65 26,— 24,—

63693 4-Nitrosophenol
A 6.1/21L 4-Nitrosophenol / 4-Nitrosophenol
C 6.1 2811 3 ONC₆H₄OH
C₆H₅NO₂ M = 123,11 g/mol
assay (HPLC) 98%
melting range (on dry substance) 130–132 °C (disint.)








R: 23/24/25 S: 44
disposal: 20

PF.
2907

250 g 40,75 34,65 32,60 30,—

Nitrosophenylhydroxylamine ammonium salt
see Cupferron

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
479	Nitroso R salt R. G. (1-nitroso-2-naphthol-3,6-disulphonic acid disodium salt) <i>Sel nitroso R / Sal nitrosa R</i> $\text{HOC}_{10}\text{H}_4\text{NO}(\text{SO}_3\text{Na})_2$ $\text{C}_{10}\text{H}_5\text{NNa}_2\text{O}_8\text{S}_2$ $M = 377,26 \text{ g/mol}$ assay (iodometric) min. 90% loss on drying (105 °C) max. 1% residue on ignition (as sulphates) max. 37% suitability for determination of cobalt passes test	WG. 2907	25 g	11,50	9,80	9,20	8,65
694	β-Nitrostyrene PROSYNTH® <i>β-Nitrostyrène / β-Nitrosoestireno</i> $\text{O}_2\text{NCH}=\text{CHC}_6\text{H}_5$ $\text{C}_8\text{H}_7\text{NO}_2$ $M = 149,15 \text{ g/mol}$ assay (GC) 98% melting range 57–59 °C  R: 23/24/25 S: 44 disposal: 20	WG. 2903	25 g	66,50	56,55	53,20	49,90
2901 6.1/21L 6.1 1664 2	2-Nitrotoluene PROSYNTH® <i>2-Nitrotoluène / 2-Nitrotolueno</i> $\text{CH}_3\text{C}_6\text{H}_4\text{NO}_2$ $\text{C}_7\text{H}_7\text{NO}_2$ $M = 137,14 \text{ g/mol}$ $1 \text{ L} \approx 1,16 \text{ kg}$ assay (GC) 99% boiling range 220–222 °C refractive index (n_D^{20}) 1,546  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	1 L	24,75	21,05	19,80	19,05
2902 6.1/21L 6.1 1664 2	3-Nitrotoluene PROSYNTH® <i>3-Nitrotoluène / 3-Nitrotolueno</i> $\text{CH}_3\text{C}_6\text{H}_4\text{NO}_2$ $\text{C}_7\text{H}_7\text{NO}_2$ $M = 137,14 \text{ g/mol}$ $1 \text{ L} \approx 1,17 \text{ kg}$ assay (GC) 99% boiling range 230–232 °C refractive index (n_D^{20}) 1,546  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	1 L	42,—	35,70	33,60	32,35
5833 6.1/21L 6.1 1664 2	4-Nitrotoluene <i>4-Nitrotoluène / 4-Nitrotolueno</i> $\text{CH}_3\text{C}_6\text{H}_4\text{NO}_2$ $\text{C}_7\text{H}_7\text{NO}_2$ $M = 137,14 \text{ g/mol}$  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	1 kg	33,25	28,25	26,60	25,60
29202	5-Nitrouracil BIOSYNTH® <i>5-Nitrouracile / 5-Nitrouracil</i> $\text{NHCONHCOC}(\text{NO}_2)=\text{CH}$ $\text{C}_4\text{H}_3\text{N}_3\text{O}_4$ $M = 157,09 \text{ g/mol}$	WG. 2935	10 g	63,—	53,55	50,40	47,25
30239	4-Nitroveratrole PROSYNTH® <i>4-Nitrovératrole / 4-Nitroveratrol</i> $\text{C}_6\text{H}_3(\text{OCH}_3)_2(\text{NO}_2)$ $\text{C}_8\text{H}_9\text{NO}_4$ $M = 183,16 \text{ g/mol}$ assay (GC) 97% melting range 96–98 °C	WG. 2908	250 g	111,50	94,80	89,20	83,65
63845 A 6.1/21N C 6.1 1665 2	2-Nitro-m-xylene PROSYNTH® <i>2-Nitro-m-xylène / 2-Nitro-m-xileno</i> $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{NO}_2$ $\text{C}_8\text{H}_9\text{NO}_2$ $M = 151,16 \text{ g/mol}$ $1 \text{ L} \approx 1,11 \text{ kg}$ assay (GC) 99% boiling range 220–222 °C refractive index (n_D^{20}) 1,521  R: 23/24/25-33 S: 28-37-44 disposal: 20	FL. 2903	250 ml	27,—	22,95	21,60	20,25

Code Number
A) RID, ADR
B) GSV, GGV
C) MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

62213 3-Nitro-o-xylene PROSYNTH®

A 6.1/21N **3-Nitro-o-xylène / 3-Nitro-o-xileno**

C 6.1 1665 2 (CH₃)₂C₆H₃NO₂ 1 L ≈ 1,14 kg
C₈H₉NO₂ M = 151,16 g/mol
assay (GC) 99%
boiling range 240–242 °C
refractive index (n_D²⁰) 1,544



R: 23/24/25-33 S: 28-37-44
disposal: 20

FL.
2903

250 ml 35,50 30,20 28,40 26,

63844 4-Nitro-m-xylene PROSYNTH®

A 6.1/21N **4-Nitro-m-xylène / 4-Nitro-m-xileno**

C 6.1 1665 2 (CH₃)₂C₆H₃NO₂ 1 L ≈ 1,13 kg
C₈H₉NO₂ M = 151,16 g/mol
assay (GC) 99%
boiling range 244–246 °C
refractive index (n_D²⁰) 1,550



R: 23/24/25-33 S: 28-37-44
disposal: 20

FL.
2903

250 ml 54,50 46,35 43,60 40

62903 5-Nitro-m-xylene PROSYNTH®

A 6.1/21N **5-Nitro-m-xylène / 5-Nitro-m-xileno**

C 6.1 1665 2 (CH₃)₂C₆H₃NO₂
C₈H₉NO₂ M = 151,16 g/mol
assay (GC) 98%
melting range 69–72 °C



R: 23/24/25-33 S: 28-37-44
disposal: 20

FL.
2903

5 g 27,— 22,95 21,60 20

Nonacarbonyldiiron see *di-Iron-nonacarbonyl*

62905 Nonadecane PROSYNTH®

Nonadécane / Nonadecano

CH₃(CH₂)₁₇CH₃
C₁₉H₄₀ M = 268,53 g/mol
assay (GC) 99%
melting range 31–33 °C

FL.
2901

25 ml 34,— 28,90 27,20 25

39425 Nonadecanoic acid BIOSYNTH®

Acide nonadécanoïque / Acido nonadecanóico

CH₃(CH₂)₁₇COOH
C₁₉H₃₈O₂ M = 298,51 g/mol

WG.
2914

10 g 44,75 38,05 35,80 33

64754 1-Nonadecanol PROSYNTH®

Nonadécanol-1 / 1-Nonadecanol

CH₃(CH₂)₁₈OH
C₁₉H₄₀O M = 284,52 g/mol
assay (GC) 97%
melting range 60–62 °C

WG.
2904

5 g 35,50 30,20 28,40 26

65072 2-Nonadecanol PROSYNTH®

Nonadécanol-2 / 2-Nonadecanol

CH₃(CH₂)₁₆CH(OH)CH₃
C₁₉H₄₀O M = 284,52 g/mol
assay (GC) 97%
melting range 49–51 °C

WG.
2904

10 g 27,25 23,15 21,80 20

Nonadecanone-(10) see *Dinonyl ketone*

le-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
906	Nonane PROSYNTH® Nonane / Nonano	FL. 2901	100 ml	27,25	23,15	21,80	20,45
3 1920 2	CH ₃ (CH ₂) ₇ CH ₃						
1 °C	C ₉ H ₂₀ M = 128,26 g/mol 1 L ≈ 0,72 kg						
	assay (GC) 99%						
	boiling range 148–150 °C						
	refractive index (n _D ²⁰) 1,405						
	R: 10 disposal: 6						
254	n-Nonane min. 99,9% for gas chromatography n-Nonane / n-Nonano	FL. 2901	5 ml	49,25	41,85	39,40	36,95
3 1920 2	CH ₃ (CH ₂) ₇ CH ₃						
31 °C	C ₉ H ₂₀ M = 128,26 g/mol 1 L ≈ 0,72 kg						
	R: 10 disposal: 6						
	Nonanedioic acid see Azelainic acid						
459	iso-Nonanoic acid PROSYNTH® Acide iso-nonanoïque / Acido iso-nonanoico	FL. 2914	1 L	17,50	14,90	14,—	13,50
	C ₉ H ₁₈ O ₂ M = 158,24 g/mol 1 L ≈ 0,90 kg						
	assay (alkalimetric) 90%						
	boiling range 232–236 °C						
	refractive index (n _D ²⁰) 1,430						
	Nonanoic acid see Pelargonic acid						
2907	1-Nonanol PROSYNTH® Nonanol-1 / 1-Nonanol	FL. 2904	100 ml	18,75	15,95	15,—	14,05
3 4	CH ₃ (CH ₂) ₈ OH						
96 °C	C ₉ H ₂₀ O M = 144,26 g/mol 1 L ≈ 0,83 kg						
	assay (GC) 98%						
	boiling range 213–215 °C						
	refractive index (n _D ²⁰) 1,433						
3910	2-Nonanol PROSYNTH® Nonanol-2 / 2-Nonanol	FL. 2904	25 ml	24,—	20,40	19,20	18,—
3 4	CH ₃ CH(OH)(CH ₂) ₆ CH ₃						
95 °C	C ₉ H ₂₀ O M = 144,26 g/mol 1 L ≈ 0,83 kg						
	assay (GC) 97%						
	boiling range 192–194 °C						
	refractive index (n _D ²⁰) 1,431						
3911	4-Nonanol PROSYNTH® Nonanol-4 / 4-Nonanol	FL. 2904	5 ml	22,50	19,15	18,—	16,90
3 4	CH ₃ (CH ₂) ₂ CH(OH)(CH ₂) ₄ CH ₃						
95 °C	C ₉ H ₂₀ O M = 144,26 g/mol 1 L ≈ 0,83 kg						
	assay (GC) 95%						
3912	5-Nonanol PROSYNTH® Nonanol-5 / 5-Nonanol	FL. 2904	25 ml	26,25	22,30	21,—	19,70
3 4	CH ₃ (CH ₂) ₃ CH(OH)(CH ₂) ₃ CH ₃						
+77 °C	C ₉ H ₂₀ O M = 144,26 g/mol 1 L ≈ 0,83 kg						
	assay (GC) 97%						
3949	iso-Nonanol PROSYNTH® iso-Nonanol / iso-Nonanol	FL. 2904	1 L	18,—	15,30	14,40	13,85
3 4	C ₉ H ₂₀ O M = 144,26 g/mol 1 L ≈ 0,83 kg						
95 °C	assay of 3,5,5-trimethylhexanol 88%						
	assay of C ₉ -alcohols 98%						
63913	Nonanone-(2) PROSYNTH® Nonanone-(2) / Nonanona-(2)	FL. 2913	50 ml	25,25	21,45	20,20	18,95
3 4	CH ₃ CO(CH ₂) ₆ CH ₃						
+88 °C	C ₉ H ₁₈ O M = 142,24 g/mol 1 L ≈ 0,82 kg						
	assay (GC) 98%						
	boiling range 193–195 °C						
	refractive index (n _D ²⁰) 1,421						

Code Number

A) RID-ADR

B) BGV/CEV

C) IMDG Code (GGV See)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

30825 Nonanone-(3) min 99,9% for gas chromatography
A 3/4 Nonanone-(3) / Nonanona-(3)

+66 °C

 $\text{CH}_3(\text{CH}_2)_5\text{COC}_2\text{H}_5$
 $\text{C}_9\text{H}_{18}\text{O}$ $M = 142,24$ g/mol

1 L \approx 0,82 kg

FL.
2913

5 ml 49,25 41,85 39,40 36,5

62908 Nonanone-(3) PROSYNTH®
A 3/4 Nonanone-(3) / Nonanona-(3)

+66 °C

 $\text{CH}_3(\text{CH}_2)_5\text{COC}_2\text{H}_5$
 $\text{C}_9\text{H}_{18}\text{O}$ $M = 142,24$ g/mol

1 L \approx 0,82 kg

assay (GC) 97%

boiling range 187–190 °C

refractive index (n_D^{20}) 1,421

FL.
2913

25 ml 22,— 18,70 17,60 16,5

Nonanone-(4) see Amyl-iso-propyl ketone
30826 Nonanone-(5) min. 99,9% for gas chromatography
A 3/4 Nonanone-(5) / Nonanona-(5)

+66 °C

 $\text{CH}_3(\text{CH}_2)_3\text{CO}(\text{CH}_2)_3\text{CH}_3$
 $\text{C}_9\text{H}_{18}\text{O}$ $M = 142,24$ g/mol

1 L \approx 0,81 kg

FL.
2913

5 ml 49,25 41,85 39,40 36,5

62909 Nonanone-(5) PROSYNTH®
A 3/4 Nonanone-(5) / Nonanona-(5)

+66 °C

 $\text{CH}_3(\text{CH}_2)_3\text{CO}(\text{CH}_2)_3\text{CH}_3$
 $\text{C}_9\text{H}_{18}\text{O}$ $M = 142,24$ g/mol

1 L \approx 0,81 kg

assay (GC) 98%

boiling range 186–188 °C

refractive index (n_D^{20}) 1,418

FL.
2913

100 ml 26,50 22,55 21,20 19,5

Nonanonitrile see Pelargonitrile
63695 1-Nonene PROSYNTH®
A 3/3 Nonène-(1) / Noneno-(1)

C 3.3 1993 2

 $\text{CH}_3(\text{CH}_2)_6\text{CH}=\text{CH}_2$
 C_9H_{18} $M = 126,24$ g/mol

1 L \approx 0,73 kg

assay (GC) 97%

boiling range 144–146 °C

refractive index (n_D^{20}) 1,416

R: 10 disposal: 6

FL.
2901

25 ml 17,75 15,10 14,20 13,5

65073 4-Nonene PROSYNTH® mixture of cis- and trans-isomers
A 3/3 Nonène-4 / 4-Noneno

C 3.3 1993 2

 $\text{CH}_3(\text{CH}_2)_3\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}_3$
 C_9H_{18} $M = 126,24$ g/mol

1 L \approx 0,73 kg

assay (GC) 99%

boiling range 146–148 °C

refractive index (n_D^{20}) 1,420

FL.
2901

10 ml 46,50 39,55 37,20 34,5

Nonyl alcohol see 1-Nonanol
60446 iso-Nonylaldehyde PROSYNTH®
A 3/3 Aldéhyde iso-nonylique / Aldehido iso-nonilico

C 3.3 1993 2

 $\text{C}_9\text{H}_{18}\text{O}$ $M = 142,24$ g/mol

1 L \approx 0,82 kg

assay (GC) 95%

boiling range (at 1033 mbar) 171–173 °C

refractive index (n_D^{20}) 1,421

R: 10 disposal: 14

FL.
2911

100 ml 35,— 29,75 28,— 26,5

60464 iso-Nonylamine PROSYNTH®
A 3/3 Isononylamine / Isononilamina

C 8 1780 2

 $\text{C}_9\text{H}_{21}\text{N}$ $M = 143,27$ g/mol

1 L \approx 0,79 kg


assay (GC) 99%

boiling range 175–177 °C

refractive index (n_D^{20}) 1,432

FL.
2922

100 ml 18,— 15,30 14,40 13,5

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
10	Nonylamine PROSYNTH®	FL.	25 ml	38,—	32,30	30,40	28,50
35	<i>Nonylamine / Nonilamina</i>	2922					
1760 2	CH ₃ (CH ₂) ₈ NH ₂						
4 °C	C ₉ H ₂₁ N M = 143,27 g/mol 1 L ≈ 0,79 kg						
	assay (GC) 98%						
	boiling range 198—200 °C						
	refractive index (n _D ²⁰) 1,434						
	Nonylbenzene see 1-Phenylnonane						
	Nonyl bromide see 1-Bromononane						
755	L(-)-Noradrenaline-L-tartrate PROSYNTH®	WG.	5 g	54,50	46,35	43,60	40,90
	<i>L(-)-Noradrénaline-L-tartrate / L(-)-Noradrenalina-L-tartrato</i>	2923					
	(HO) ₂ C ₆ H ₃ CH(OH)CH ₂ NH ₂ · C ₄ H ₆ O ₆ · H ₂ O						
	C ₁₂ H ₁₇ NO ₉ · H ₂ O M = 337,28 g/mol						
	assay 98%						
	melting range 101—103 °C						
	specific rotation ([α] _D ²⁰ , c=5 in H ₂ O) 10 °C ± 1°						
911	Norbornadiene-(2,5) PROSYNTH®	FL.	250 ml	34,—	28,90	27,20	25,50
3/1A	<i>Norbornadiène-(2-5) / Norbornadiano-(2,5)</i>	2901					
0.2 1993 2	C ₇ H ₈ M = 92,14 g/mol 1 L ≈ 0,91 kg						
°C	assay (GC) 99%						
	boiling range 88—90 °C						
	refractive index (n _D ²⁰) 1,470						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						
	 R: 11 S: 9-16-33 disposal: 6						
9027	L(+)-Norleucine BIOSYNTH®	FL.	1 g	96,—	81,60	76,80	72,—
	<i>L(+)-Norleucine / L(+)-Norleucina</i>	2923					
	CH ₃ (CH ₂) ₃ CH(NH ₂)COOH						
	C ₆ H ₁₃ NO ₂ M = 131,17 g/mol						
	assay (ex N) 99%						
	specific rotation ([α] _D ²⁰ ; c=4 in 6 N HCl) +24° ± 1°						
	Normal solutions see under the names						
3752	NTC (Neotetrazolium chloride)	FL.	1 g	24,—	20,40	19,20	18,—
	[C ₆ H ₅ NN=C(C ₆ H ₅)N=N(Cl)C ₆ H ₄] ₂	2930					
	C ₃₈ H ₂₈ Cl ₂ N ₈ M = 667,60 g/mol						
	Nuclear-fast-red see Neutral red						
9838	Nucleosil® 100 0,005 mm (5 μm)	WG.	3 g	60,—	51,—	48,—	45,—
	<i>Nucleosil® 100 / Nucleosil® 100</i>	2813					
	® = trade mark of Macherey-Nagel + Co.						
9839	Nucleosil® 100 0,010 mm (10 μm)	WG.	3 g	60,—	51,—	48,—	45,—
	<i>Nucleosil® 100 / Nucleosil® 100</i>	2813					
9840	Nucleosil® 0,005 mm (5 μm) C₈-reverse phase	WG.	3 g	141,50	120,30	113,20	106,15
	<i>Nucleosil® / Nucleosil®</i>	2813					
9841	Nucleosil® 0,010 mm (10 μm) C₈-reverse phase	WG.	3 g	141,50	120,30	113,20	106,15
	<i>Nucleosil® / Nucleosil®</i>	2813					
9842	Nucleosil® 0,005 mm (5 μm) C₁₈-reverse phase	WG.	3 g	141,50	120,30	113,20	106,15
	<i>Nucleosil® / Nucleosil®</i>	2813					
9843	Nucleosil® 0,010 mm (10 μm) C₁₈-reverse phase	WG.	3 g	141,50	120,30	113,20	106,15
	<i>Nucleosil® / Nucleosil®</i>	2813					
	Nujol see Paraffin liquid						

Code-Number
A) RID/ADH
B) CODE/SCVS
C) IMOS-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

36057 **Nylander's solution reagent for detection of glucose**
Solution de Nylander / Solución de Nylander
A 8/32
C 8 1824 2
1 L ≈ 1,14 kg



R: 35 S: 2-26-27-37/39
disposal: 3

36058 **Obermayer's solution DAB 6 for detection of indican**
Solution d'Obermayer / Solución de Obermayer
A 8/5
C 8 1789 2
1 L ≈ 1,01 kg



R: 34-37 S: 2-26
disposal: 1

15933 **Octabromophenol ether**
Ether octabromophénolique / Eter octabromofenólico
 $(\text{CH}_3)_2\text{C}(\text{C}_6\text{H}_2\text{Br}_2\text{OCH}_2\text{CHBrCH}_2\text{Br})_2$
 $\text{C}_{21}\text{H}_{20}\text{Br}_8\text{O}_2$ $M = 943,62$ g/mol
assay (ex Br) 97%

4,5,6,7,3',5',3'',5''-Octabromophenolsulphonephthalein
see Tetrabromophenol blue

64118 **Octacosane PROSYNTH®**
Octacosane / Octacosano
 $\text{CH}_3(\text{CH}_2)_{26}\text{CH}_3$
 $\text{C}_{28}\text{H}_{58}$ $M = 394,77$ g/mol
melting range 58–60 °C

Octadecadeuterohexamethylphosphoric triamide
see Hexamethylphosphoric triamide-D₁₈

32263 **n-Octadecane min. 99,9% for gas chromatography**
n-Octadécane / n-Octadecano
 $\text{CH}_3(\text{CH}_2)_{16}\text{CH}_3$
 $\text{C}_{18}\text{H}_{38}$ $M = 254,50$ g/mol
1 L ≈ 0,78 kg

62912 **n-Octadecane PROSYNTH®**
n-Octadécane / n-Octadecano
 $\text{CH}_3(\text{CH}_2)_{16}\text{CH}_3$
 $\text{C}_{18}\text{H}_{38}$ $M = 254,50$ g/mol
assay (GC) 99%
melting range 29–30 °C

63699 **Octadecanethiol-(1) PROSYNTH®**
Octadécanethiol-(1) / Octadecanotiol-(1)
 $\text{CH}_3(\text{CH}_2)_{17}\text{SH}$
 $\text{C}_{18}\text{H}_{38}\text{S}$ $M = 286,56$ g/mol
1 L ≈ 0,86 kg
assay (GC) 95%

60450 **iso-Octadecanol PROSYNTH®**
iso-Octadécanol / iso-Octadecanol
 $\text{C}_{18}\text{H}_{38}\text{O}$ $M = 270,50$ g/mol
1 L ≈ 0,84 kg
OHZ 200

Octadecanol-(1) see Stearyl alcohol

9c,12c,15c-Octadecatrienic acid see Linolenic acid

62914 **Octadecene-(1) PROSYNTH®**
Octadécène-(1) / Octadeceno-(1)
 $\text{CH}_3(\text{CH}_2)_{15}\text{CH}=\text{CH}_2$
 $\text{C}_{18}\text{H}_{36}$ $M = 252,48$ g/mol
1 L ≈ 0,79 kg
assay (GC) 99%
boiling range (at 20 mbar) 177–179 °C
refractive index (n_D^{20}) 1,445

cis-Octadecene-(9)-ylamine see Oleylamine

trans-9-Octadecenoic acid see Elaidic acid

Octadecyl alcohol see Stearyl alcohol

PF. 250 ml 9,50 8,10 7,60 7
PF. 1 L 23,— 19,55 18,40 17
PF. 2,5 L 49,— 40,65 38,20 36
3819

FL. 250 ml 10,50 8,95 8,40 7
3819

PF. 1 kg price on request
FTP. 50 kg price on request
2908

WG. 10 g 33,25 28,25 26,60 24
2901





FL. 5 ml 49,25 41,85 39,40 36
2901

FL. 100 ml 35,75 30,40 28,60 26
2901

FL. 25 g 53,50 45,50 42,80 40
2931

FL. 500 ml 51,— 43,35 40,80 39
2904

FL. 100 ml 56,50 48,05 45,20 42
2901

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
015	Octadecylamine PROSYNTH Genamin® <i>Octadécylamine / Octadecilamina</i> Genamin® = trade mark of Hoechst AG $\text{CH}_3(\text{CH}_2)_{17}\text{NH}_2$ $\text{C}_{18}\text{H}_{39}\text{N}$ $M = 269,51 \text{ g/mol}$ assay (GC) 98% melting range 54–56 °C  <div>R: 34 S: 26 disposal: 19</div>	WG. 2922	500 g	23,75	20,20	19,—	18,30
	Octadecyl bromide see 1-Bromooctadecane						
698	Octadecyl cyanide PROSYNTH® <i>Octadécyle cyanure / Octadecilo cianuro</i> $\text{CH}_3(\text{CH}_2)_{17}\text{CN}$ $\text{C}_{19}\text{H}_{37}\text{N}$ $M = 279,51 \text{ g/mol}$ melting range 42–43 °C  <div>R: 23/24/25 S: 44 disposal: 15</div>	WG. 2927	10 g	26,25	22,30	21,—	19,70
	Octadecyl iodide see 1-Iodoctadecane Octadecyl mercaptan see Octadecanethiol-(1) Octadeuterodioxan see Dioxane-D₈ Octadeuteronaphthalene see Naphthalene-D₈ Octadeuteropropanol-(2) see Propanol-(2)-D₈ Octadeuterotoluene see Toluene-D₈						
4757	Octamethylenediamine PROSYNTH® <i>Octaméthylènediamine / Octametilendiamina</i> $\text{NH}_2(\text{CH}_2)_8\text{NH}_2$ $\text{C}_8\text{H}_{20}\text{N}_2$ $M = 144,26 \text{ g/mol}$ assay 98% melting range 50–52 °C	WG. 2922	100 g	43,75	37,20	35,—	32,80
	Octamethylene dicyanide see Sebacic acid dinitrile Octanal see Caprylaldehyde						
2916	★ Octane PROSYNTH® <i>Octane / Octano</i> $\text{CH}_3(\text{CH}_2)_6\text{CH}_3$ C_8H_{18} $M = 114,23 \text{ g/mol}$ $1 \text{ L} \approx 0,70 \text{ kg}$ assay (GC) 98% boiling range 124–126 °C refractive index (n_D^{20}) 1,398  <div>R: 11 S: 9-16-29-33 disposal: 6</div>	FL. 2901	500 ml	79,—	67,15	63,20	60,85
6506	★ Octane (from petroleum) <i>Octane / Octano</i> C_8H_{18} $M = 114,23 \text{ g/mol}$ $1 \text{ L} \approx 0,72 \text{ kg}$ boiling range 123–125 °C density (D_4^{20}) 0,721–0,722 refractive index (n_D^{20}) 1,4020–1,4050 non-volatile matter 0,001%  <div>R: 11 S: 9-16-29-33 disposal: 6</div>	FL. FL. 2710	1 L 2,5 L	22,— 46,50	18,70 38,60	17,60 36,25	16,95 34,90

Code-Number
A) RND/ROR
B) GVE/GOVS
C) MDC-CODE (GOVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96

(1 Box)

(4 Boxes)

(16 Boxes)

34918 iso-Octane SPECTRANAL®

A 3/1A iso-Octane / iso-Octano

C 3.2 1262 2 (CH₃)₂CHCH₂C(CH₃)₃

-12°C C₈H₁₈ M = 114,23 g/mol

1 L ≈ 0,69 kg

assay (GC) min. 99%
non-volatile matter max. 0,0005%
free acid (as CH₃COOH) max. 0,001%
water (acc. to Karl Fischer) max. 0,01%
suitability for UV spectroscopy
transmittance (1 cm cell/reference: water)
transmittance/wavelength (nm):
min. 45%/210, min. 73%/220, min. 85%/230, min.
95%/245, min. 98%/from 255
suitability for IR spectroscopy passes test



R: 11 S: 9-16-29-33
disposal: 6

FL.
FL.
2901

500 ml	33,25	28,25	26,60	25,
2,5 L	125,50	104,15	97,90	94,

34862 ★ iso-Octane CHROMASOLV® for chromatography (UV-detection)

A 3/1A iso-Octane / iso-Octano

C 3.2 1262 2 (CH₃)₂CHCH₂C(CH₃)₃

-12°C C₈H₁₈ M = 114,23 g/mol

1 L ≈ 0,69 kg

assay (GC) min. 99%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,01%
free acid (as CH₃COOH) max. 0,001%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm):
min. 20%/210, min. 80%/235, min. 98%/from 270



R: 11 S: 9-16-29-33
disposal: 6

FL.
2901

1 L	49,50	42,10	39,60	38,
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16514 ★ iso-Octane

A 3/1A iso-Octane / iso-Octano

C 3.2 1262 2 (CH₃)₂CHCH₂C(CH₃)₃

-12°C C₈H₁₈ M = 114,23 g/mol

1 L ≈ 0,69 kg

assay (GC) 99,5%
boiling range 97–100 °C
density (D₄²⁰) 0,692–0,693
refractive index (n_D²⁰) 1,3915–1,3925
non-volatile matter 0,001%



R: 11 S: 9-16-29-33
disposal: 6

FL.
FL.
EKL.
2901

500 ml	14,25	12,10	11,40	10,
1 L	25,50	21,70	20,40	19,
30 L	L	9,80		

32253 n-Octane min. 99,9% for gas chromatography

A 3/1A n-Octane / n-Octano

C 3.2 1262 2 CH₃(CH₂)₆CH₃

+13°C C₈H₁₈ M = 114,23 g/mol

1 L ≈ 0,70 kg



R: 11 S: 9-16-29-33
disposal: 6

FL.
2901

5 ml	49,25	41,85	39,40	36,
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Octanedioic acid see Suberic acid

64758 1,8-Octanediol PROSYNTH®

Octanediol-1-8 / 1,8-Octanodiol

HO(CH₂)₆OH

C₈H₁₈O₂ M = 146,23 g/mol

assay (GC) 98%
melting range 58–60 °C

Octanenitrile see Caprylonitrile

62920 1-Octanethiol PROSYNTH®

Octanethiol-(1) / 1-Octanotiol

CH₃(CH₂)₆SH

C₈H₁₈S M = 146,30 g/mol

1 L ≈ 0,84 kg

assay (GC) 98%
boiling range 197–199 °C
refractive index (n_D²⁰) 1,453

FL.
2931

100 ml	11,75	10,—	9,40	8,
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e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
457	iso-Octanoic acid PROSYNTH® <i>Acide iso-octanoïque / Acido iso-octanóico</i> C ₈ H ₁₆ O ₂ M = 144,21 g/mol 1 L ≈ 0,92 kg assay (alkalimetric) 98% boiling range 232–234 °C refractive index (n _D ²⁰) 1,430 <i>n</i> -Octanoic acid see <i>n</i> -Caprylic acid	FL. 2914	500 ml	13,50	11,50	10,80	10,40
134	1-Octanol <i>Octanol-1 / 1-Octanol</i> CH ₃ (CH ₂) ₇ OH C ₈ H ₁₈ O M = 130,23 g/mol 1 L ≈ 0,82 kg assay (GC) 99,5% boiling range 193–195 °C density (D ₄ ²⁰) 0,825–0,827 refractive index (n _D ²⁰) 1,4290–1,4310 non-volatile matter 0,002%	FL. FL. EKL. EKL. 2904	500 ml 1 L 20 kg 5x	14,25 26,— kg kg	12,10 22,10 11,— 10,50	11,40 20,80	10,95 20,—
133	2-Octanol <i>Octanol-2 / 2-Octanol</i> CH ₃ (CH ₂) ₅ CH(OH)CH ₃ C ₈ H ₁₈ O M = 130,23 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 178–180 °C density (D ₄ ²⁰) 0,816–0,820 refractive index (n _D ²⁰) 1,4255–1,4265	FL. FL. EKL. 2904	500 ml 2,5 L 20 kg	15,75 60,— kg	13,40 49,80 8,60	12,60 46,80	12,15 45,—
2917	3-Octanol PROSYNTH® <i>Octanol-3 / 3-Octanol</i> CH ₃ (CH ₂) ₄ CH(OH)CH ₂ CH ₃ C ₈ H ₁₈ O M = 130,23 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 176–178 °C refractive index (n _D ²⁰) 1,425	FL. 2904	100 ml	118,—	100,30	94,40	88,50
0823	Octanone-(2) min. 99,9% for gas chromatography <i>Octanone-(2) / Octanona-(2)</i> CH ₃ (CH ₂) ₅ COCH ₃ C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,82 kg	FL. 2913	5 ml	49,25	41,85	39,40	36,95
2918	Octanone-(2) PROSYNTH® <i>Octanone-(2) / Octanona-(2)</i> CH ₃ (CH ₂) ₅ COCH ₃ C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 171–173 °C refractive index (n _D ²⁰) 1,415	FL. 2913	1 L	180,—	153,—	144,—	138,60
0824	Octanone-(3) min. 99,9% for gas chromatography <i>Octanone-(3) / Octanona-(3)</i> CH ₃ (CH ₂) ₄ COC ₂ H ₅ C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,82 kg	FL. 2913	5 ml	49,25	41,85	39,40	36,95
2919	Octanone-(3) PROSYNTH® <i>Octanone-(3) / Octanona-(3)</i> CH ₃ (CH ₂) ₄ COC ₂ H ₅ C ₈ H ₁₆ O M = 128,21 g/mol 1 L ≈ 0,82 kg assay (GC) 98% boiling range 166–169 °C refractive index (n _D ²⁰) 1,415 R: 10 disposal: 6	FL. 2913	100 ml	30,75	26,15	24,60	23,05

Code-Number
A) MD/ADR
B) GGV/IGVS
C) MDG/COE (GGVSe)

Type of package
B.T.N.




Price per
package DM

1x
(1 Box)



6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

62921	Octene-(1) PROSYNTH® A 3/1A <i>Octène-(1) / Octeno-(1)</i> C 3.2 1993 2 $\text{CH}_3(\text{CH}_2)_6\text{CH}=\text{CH}_2$ +8°C C_8H_{16} $M=112,21$ g/mol	1 L ≈ 0,71 kg 98% assay (GC) boiling range 119–121 °C refractive index (n_D^{20}) 1,409	FL. 2901	500 ml	18,—	15,30	14,40	13,—
	<i>n</i> -Octyl alcohol, primary see Octanol-(1) Octyl alcohol, secondary see Octanol-(2)							
62924	<i>n</i>-Octylamine PROSYNTH® Genamin® A 8/35 <i>n</i> -Octylamine / <i>n</i> -Octilamina C 3.3 1993 2 Genamin® = trade mark of Hoechst AG +60°C $\text{CH}_3(\text{CH}_2)_7\text{NH}_2$ $\text{C}_8\text{H}_{19}\text{N}$ $M=129,24$ g/mol	1 L ≈ 0,78 kg 99% assay (GC) boiling range 177–179 °C refractive index (n_D^{20}) 1,429	FL. 2922	250 ml	19,75	16,80	15,80	14,—
	 R: 34 S: 26 disposal: 19							
	Octylbenzene see 1-Phenyloctane <i>n</i> -Octyl bromide see 1-Bromooctane							
39473	Octyl-β-D-glucopyranose BIOSYNTH® (<i>n</i>-Octyl glucoside) <i>Octyle-β-D-glucopyranose / Octil-β-D-glucopiranos</i> $\text{C}_{14}\text{H}_{28}\text{O}_6$ $M=292,37$ g/mol specific rotation ($[\alpha]_D^{20}$, $c=0,8$ in CH_3OH) $-30^\circ \pm 2^\circ$		FL. 2941	1 g	69,—	58,65	55,20	51,—
	<i>n</i> -Octyl iodide see 1-Iodoctane Octyl mercaptan see 1-Octanethiol							
64120	Octylsuccinic acid PROSYNTH® <i>Acide octylsuccinique / Acido octilsuccínico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}(\text{COOH})\text{CH}_2\text{COOH}$ $\text{C}_{12}\text{H}_{22}\text{O}_4$ $M=230,30$ g/mol assay (alkalimetric) 92%		WG. 2915	25 g	30,—	25,50	24,—	22,—
63916	Octyne-(1) PROSYNTH® A 3/1A <i>Octyne-(1) / Octino-(1)</i> C 3.2 1993 2 $\text{HC}\equiv\text{C}(\text{CH}_2)_5\text{CH}_3$ +16°C C_8H_{14} $M=110,20$ g/mol	1 L ≈ 0,74 kg 98% assay (GC) boiling range 123–125 °C refractive index (n_D^{20}) 1,416	FL. 2901	5 ml	16,—	13,60	12,80	12,—
	 R: 11 S: 9-16-33 disposal: 6							
63917	Octyne-(2) PROSYNTH® A 3/1A <i>Octyne-(2) / Octino-(2)</i> C 3.2 1993 2 $\text{CH}_3\text{C}\equiv\text{C}(\text{CH}_2)_4\text{CH}_3$ +16°C C_8H_{14} $M=110,20$ g/mol	1 L ≈ 0,78 kg 98% assay (GC) boiling range 136–138 °C refractive index (n_D^{20}) 1,428	FL. 2901	5 ml	49,—	41,65	39,20	36,—
	 R: 11 S: 9-16-33 disposal: 6							

e-Number D/ADR GVE/GGVs MDG-CODE (GGVSee)	Type of package B.T.N.	Price per			
		package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)







918 /1A 2 1993 2 6 °C	Octyne-(3) PROSYNTH® <i>Octyne-(3) / Octino-(3)</i> $\text{CH}_3\text{CH}_2\text{C}\equiv\text{C}(\text{CH}_2)_3\text{CH}_3$ C_8H_{14} $M=110,20$ g/mol $1\text{ L}\approx 0,75\text{ kg}$ assay (GC) 98% boiling range 131–133 °C refractive index (n_D^{20}) 1,425  R: 11 S: 9-16-33 disposal: 6	FL. 2901	5 ml	59,50	50,60	47,60	44,65
923 3/1A 3.2 1993 2 10 °C	Octyne-(4) PROSYNTH® <i>Octyne-(4) / Octino-(4)</i> $\text{CH}_3\text{CH}_2\text{CH}_2\text{C}\equiv\text{CCH}_2\text{CH}_2\text{CH}_3$ C_8H_{14} $M=110,20$ g/mol $1\text{ L}\approx 0,75\text{ kg}$ assay (GC) 99% boiling range 130–132 °C refractive index (n_D^{20}) 1,425  R: 11 S: 9-16-33 disposal: 6	FL. 2901	25 ml	94,—	79,90	75,20	70,50
Oe... see E...							
Oil of cedar wood see Cedar wood oil							
3483	Oil of cloves for microscopy <i>Huile de girofles / Aceite de clavos</i>	FL. 3301	100 ml	16,—	13,60	12,80	12,—
4245 3/3 3.3 1299 3 36 °C	Oil of turpentine rectified DAB 8 <i>Essence de térébenthine / Esencia de trementina</i> $1\text{ L}\approx 0,86\text{ kg}$ density (D_{20}^{20}) 0,856–0,867 refractive index (n_D^{20}) 1,4670–1,4780 optical rotation (α_D^{20}) + 48° to – 40°	FL. FL. EKL. 3807	1 L 2,5 L 25 kg	24,— 51,50 price on request	20,40 42,75	19,20 40,15	18,50 38,65
Oil red see Sudan III							
9427	Oleic acid BIOSYNTH® <i>Acide oléique / Acido oléico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$ $\text{C}_{18}\text{H}_{34}\text{O}_2$ $M=282,47$ g/mol $1\text{ L}\approx 0,89\text{ kg}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2914	5 ml	51,50	43,80	41,20	38,65
7728	Oleic acid pure Erg. B. 6 <i>Acide oléique / Acido oléico</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$ $\text{C}_{18}\text{H}_{34}\text{O}_2$ $M=282,47$ g/mol $1\text{ L}\approx 0,89\text{ kg}$ congealing point 7,5 °C sulphated ash 0,005% iodine number 92 acid number 200 mineral acids passes test neutral fat, mineral oils passes test	FL. FL. EKL. EKL. 2914	1 L 2,5 L 30 kg 5x	17,— 35,75 kg kg	14,45 29,65 6,80 6,55	13,60 27,90	13,10 26,80
Oleic acid chloride see Oleoyl chloride							
4759 8/22 8 1760 2	Oleoyl chloride PROSYNTH® <i>Oléoyl chlorure / Oleoilo cloruro</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COCl}$ $\text{C}_{18}\text{H}_{33}\text{ClO}$ $M=300,91$ g/mol $1\text{ L}\approx 0,94\text{ kg}$ assay 97% boiling range (at 16 mbar) 182–184 °C refractive index (n_D^{20}) 1,461	FL. 2914	250 ml	26,50	22,55	21,20	19,90
Oleum see Sulphuric acid fuming							

Code Number
A) R.C.A.O.R.
B) R.C.V.T./R.C.V.S.
C) MÜS CODE (GGVSee)

Code Number	Description	Type of package B.T.N.	Price per package DM				
			1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96 (192 Boxes)	
63701	Oleylamine PROSYNTH® <i>Oléylamine / Oleilamina</i> $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{CH}_2\text{NH}_2$ $\text{C}_{18}\text{H}_{37}\text{N}$ $M = 267,50 \text{ g/mol}$ $1 \text{ L} \approx 0,83 \text{ kg}$ assay (ex N) 97% boiling range (at 15 mbar) 196–199 °C refractive index (n_D^{20}) 1,458 Onanthic acid see Enanthic acid Orange I see Tropaeolin 000 No.1 Orange II see Tropaeolin 000 No.2 Orange III see Methyl orange Orange IV see Tropaeolin 000	FL. 2922	500 ml	28,25	24,—	22,60	21
63702	Orcinol monohydrate PROSYNTH® <i>Orcinol monohydrate / Orcina monohidrato</i> $\text{CH}_3\text{C}_6\text{H}_3(\text{OH})_2 \cdot \text{H}_2\text{O}$ $\text{C}_7\text{H}_8\text{O}_2 \cdot \text{H}_2\text{O}$ $M = 142,15 \text{ g/mol}$ assay (iodometric) 99% melting range 56–61 °C	WG. 2906	10 g	22,25	18,90	17,80	16
39028	L(+)-Ornithine monohydrochloride BIOSYNTH® <i>L(+)-Ornithine monochlorhydrate / L(+)-Ornitina monochlorhidrato</i> $\text{NH}_2(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH} \cdot \text{HCl}$ $\text{C}_5\text{H}_{13}\text{ClN}_2\text{O}_2$ $M = 188,62 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=4 in HCl 6 mol/l) $+23,5^\circ \pm 1^\circ$	WG. 2923	10 g	19,—	16,15	15,20	14
39429	Orotic acid BIOSYNTH® <i>Acide orotique / Acido orótico</i> $\text{N}=\text{C}(\text{OH})\text{N}=\text{C}(\text{OH})\text{CH}=\text{CCOOH}$ $\text{C}_5\text{H}_4\text{N}_2\text{O}_4$ $M = 156,10 \text{ g/mol}$	WG. 2935	100 g	32,75	27,85	26,20	24
63703	Orotic acid monohydrate PROSYNTH® <i>Acide orotique monohydraté / Acido orótico monohidrato</i> $\text{N}=\text{C}(\text{OH})\text{N}=\text{C}(\text{OH})\text{CH}=\text{CCOOH} \cdot \text{H}_2\text{O}$ $\text{C}_5\text{H}_4\text{N}_2\text{O}_4 \cdot \text{H}_2\text{O}$ $M = 174,11 \text{ g/mol}$ assay (ex N) 98%	WG. 2935	100 g	38,25	32,50	30,60	28
10440	Osmium powder <i>Osmium / Osmio</i> Os $M = 190,2 \text{ g/mol}$ assay 99% Osmium acid see Osmium(VIII) oxide Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 0,1 g OsO_4 $M = 254,20 \text{ g/mol}$	FL. 7109	1 g	125,50	106,70	100,40	94
14806	Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 0,1 g OsO_4 $M = 254,20 \text{ g/mol}$	2849	1 pack	13,—	11,05	10,40	9



R 26/27/28-34 S 7/9-26 45
disposal: 24

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
807 1 2471 1	Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 0,25 g OsO ₄ M = 254,20 g/mol  R: 26/27/28-34 S: 7/9-26-45 disposal: 24	2849	1 pack	29,—	24,65	23,20	21,75
808 1 2471 1	Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 0,5 g OsO ₄ M = 254,20 g/mol  R: 26/27/28-34 S: 7/9-26-45 disposal: 24	2849	1 pack	54,—	45,90	43,20	40,50
809 1 2471 1	Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 1 g OsO ₄ M = 254,20 g/mol  R: 26/27/28-34 S: 7/9-26-45 disposal: 24	2849	1 pack	92,—	78,20	73,60	69,—
832 1 2471 1	Osmium(VIII) oxide (tetroxide) <i>Osmium(VIII) oxyde / Osmio(VIII) óxido</i> sealed tube of 5 g OsO ₄ M = 254,20 g/mol  R: 26/27/28-34 S: 7/9-26-45 disposal: 24	2849	1 pack	442,—	375,70	353,60	331,50
	Osmium tetraoxide see Osmium(VIII) oxide						
3704	Oxalacetic acid PROSYNTH® <i>Acide oxalacétique / Acido oxalacético</i> HOOCCH ₂ COCOOH C ₄ H ₄ O ₅ M = 132,07 g/mol assay (alkalimetric) 97%	WG. 2916	10 g	83,—	70,55	66,40	62,25
5295	Oxalic acid solution 0,5 mol/l 1 N volumetric solution <i>Acide oxalique en solution 0,5 mol/l / Acido oxálico en solución 0,5 mol/l</i> 1 L ≈ 1,02 kg	PF. 3819	1 L	21,75	18,50	17,40	16,75
8250	0,05 mol Oxalic acid FIXANAL® 6,303 g (COOH)₂ · 2H₂O for 1 L 0,1 N solution <i>0,05 mol Acide oxalique / 0,05 mol Acido oxálico</i> ampoule  R: 22 S: 24/25	3819	1 pack	8,75	7,45	7,—	6,55
7730	Oxalic acid chem. pure anhydrous <i>Acide oxalique / Acido oxálico</i> HOOC-COOH C ₂ H ₂ O ₄ M = 90,04 g/mol assay 99% water (according to Karl Fischer) 1% sulphated ash 0,05% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% sulphate (SO ₄) 0,02%  R: 21/22 S: 2-24/25 disposal: 21	PF. PF. BLTP. 2915	1 kg 2,5 kg 50 kg	35,75 77,50 price on request	30,40 64,35	28,60 60,45	27,55 58,15

Code-Number
A) R.D. ABR
B) C.I.V.E./G.V.S.
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)

33506

Oxalic acid dihydrate R. G., Reag. ACS, Reag. ISO,
Reag. Ph. Eur. I
Acide oxalique dihydrate / Acido oxálico dihidrato

HOOC-COOH · 2H₂O

C₂H₂O₄ · 2H₂O M = 126,07 g/mol

assay	99,5—100,5%
insoluble in water	max. 0,005%
sulphated ash	max. 0,01%
calcium (Ca)	max. 0,0005%
iron (Fe)	max. 0,0002%
heavy metals (as Pb)	max. 0,0004%
chloride (Cl)	max. 0,0005%
sulphate (SO ₄)	max. 0,002%
total nitrogen (N)	max. 0,001%
foreign organic matters	passes test



R: 21/22 S: 2-24/25
disposal: 21

27726

Oxalic acid dihydrate chem. pure powder
Acide oxalique dihydrate / Acido oxálico dihidrato

HOOC-COOH · 2H₂O

C₂H₂O₄ · 2H₂O M = 126,07 g/mol

assay	99,5%
sulphated ash	0,05%
calcium (Ca)	0,005%
iron (Fe)	0,005%
heavy metals (as Pb)	0,001%
chloride (Cl)	0,002%
sulphate (SO ₄)	0,005%



R: 21/22 S: 2-24/25
disposal: 21

27725

Oxalic acid dihydrate chem. pure cryst.
Acide oxalique dihydrate / Acido oxálico dihidrato

HOOC-COOH · 2H₂O

C₂H₂O₄ · 2H₂O M = 126,07 g/mol

assay	99,5%
sulphated ash	0,05%
calcium (Ca)	0,005%
iron (Fe)	0,001%
heavy metals (as Pb)	0,001%
chloride (Cl)	0,002%
sulphate (SO ₄)	0,005%



R: 21/22 S: 2-24/25
disposal: 21

27736

Oxalic acid dihydrate technical cryst.
Acide oxalique dihydrate / Acido oxálico dihidrato

HOOC-COOH · 2H₂O

C₂H₂O₄ · 2H₂O M = 126,07 g/mol

assay	99%
sulphated ash	0,1%
iron (Fe)	0,002%
chloride (Cl)	0,002%
sulphate (SO ₄)	0,05%



R: 21/22 S: 2-24/25
disposal: 21

38255

0,005 mol Oxalic acid FIXANAL® 0,630 g (COOH)₂ · 2H₂O for
1 L 0,01 N solution
0,05 mol Acide oxalique / 0,05 mol Acido oxálico

ampoule

PF.
PF.
PF.
2915

250 g	12,—	10,20	9,60	9,—
500 g	20,25	17,20	16,20	15,—
1 kg	34,—	28,90	27,20	26,—

PF.
S.
FTP.
2915

1 kg	29,25	24,85	23,40	22,—
50 kg	kg	11,55		
50 kg	kg	11,85		

PF.
PF.
PF.
S.
FTP.
2915



500 g	13,75	11,70	11,—	10,—
1 kg	25,—	21,25	20,—	19,—
5 kg	103,50	85,90	80,75	77,—
50 kg	kg	10,75		
50 kg	price on request			

PF.
S.
2915

1 kg	17,—	14,45	13,60	13,—
50 kg	price on request			

3819

1 pack	8,75	7,45	7,—	6,—
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E-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
04	Oxalic acid-bis-(cyclohexylidene hydrazide) R. G. <i>Acide oxalique-bis-(cyclohexylidène hydrazide) / Acido oxálico-bis-(ciclohexilidenhidracida)</i> $C_6H_{10} = NNHCOCONHN = C_6H_{10}$ $C_{14}H_{22}N_4O_2 \quad M = 278,36 \text{ g/mol}$ melting range 206–210 °C insoluble in methanol max. 0,005 % loss on drying (105 °C) max. 0,5 % sulphated ash max. 0,1 % iron (Fe) max. 0,001 % heavy metals (as Pb) max. 0,001 % suitability for determination of copper passes test  R: 21/22 S: 2-24/25 disposal: 6 Oxalic acid iron(II) salt see Iron(II) oxalate Oxalic acid potassium salt see Potassium oxalate Oxalic acid sodium salt see Sodium oxalate	WG. 2929	25 g	24,25	20,60	19,40	18,20
395 11 1760 2	Oxalyl chloride PROSYNTH® <i>Oxalyle chlorure / Oxalilo cloruro</i> $ClCOCOCI$ $C_2Cl_2O_2 \quad M = 126,93 \text{ g/mol} \quad 1 \text{ L} \approx 1,48 \text{ kg}$ assay (ex Cl) 97 % boiling range 62–64 °C refractive index (n_D^{20}) 1,430  R: 34 S: 26 disposal: 21	FL. 2915	25 ml	22,75	19,35	18,20	17,05
930	Oxamide PROSYNTH® <i>Oxamide / Oxamida</i> $OC(NH_2)C(NH_2)O$ $C_2H_4N_2O_2 \quad M = 88,07 \text{ g/mol}$ assay (ex N) 98 % 1,2-Oxidobutane see 1,2-Epoxybutane 1,2-Oxidocyclohexane see Cyclohexene oxide 1,2-Oxidoethane see Ethylene oxide 1,4-Oxidopentane see 2-Methyltetrahydrofuran 1,5-Oxidopentane see Tetrahydropyran Oxine see 8-Hydroxyquinoline Oxobutanedioic acid see Oxalacetic acid 2-Oxobutanoic acid see 2-Oxobutyric acid 4-Oxo-1-butylcyclohexane see 4-tert.-Butylcyclohexanone 3-Oxobutyraldehyde-1-dimethylacetal see Acetoacetaldehyde-1-dimethylacetal	PF. 2925	250 g	80,—	68,—	64,—	60,—
2714	2-Oxobutyric acid PROSYNTH® <i>Acide 2-oxobutyrique / Acido 2-oxobutírico</i> $CH_3CH_2COCO_2H$ $C_4H_6O_3 \quad M = 102,09 \text{ g/mol}$ assay (alkalimetric) 99 % melting range 31–33 °C 2-Oxochromane see Dihydrocoumarin Oxocycloheptane see Cycloheptanone Oxocyclooctane see Cyclooctanone Oxocyclopentane see Cyclopentanone 2-Oxo-1,1-diphenylethane see Diphenylacetaldehyde	WG. 2916	10 g	76,50	65,05	61,20	57,40

Code-Number

A) RID/ADR

B) GGVs/SGVS

C) IMDG CODE (GGVSee)

2-Oxo-1,3-diphenylpropane see 1,3-Diphenylacetone

3-Oxo-1,3-diphenylpropene-(1)
see Benzylideneacetophenone

9-Oxofluorene see Fluorenone-(9)

2-Oxoglutaric acid see 2-Ketoglutaric acid

2-Oxo-3-(4-hydroxyphenyl)propionic acid see
4-Hydroxyphenylpyruvic acid

6-Oxo-2-iminotetrahydropurine see Guanine

6-Oxo-2-iminotetrahydropurine hydrochloride see Guanine
hydrochloride

1-Oxoindane see Indanone-(1)

2-Oxo-4-methyl-1,2-chromene see 6-Methylcoumarin

Oxopentanoic acid see Levulinic acid

2-Oxo-1-phenylbutane see Ethyl benzyl ketone

3-Oxo-1-phenylbutane see Benzylacetone

3-Oxo-1-phenylbutene-(1) see Benzylideneacetone

Oxophenyl-(2,4-dihydroxyphenyl)methane see
2,4-Dihydroxybenzophenone

Oxophenyl-(2,5-dimethylphenyl)methane see
2,5-Dimethylbenzophenone

Oxophenyl-(3,4-dimethylphenyl)methane see
3,4-Dimethylbenzophenone

Oxophenyl-(4-hydroxyphenyl)methane see
4-Hydroxybenzophenone

Oxophenyl-(4-methoxyphenyl)methane see
4-Methoxybenzophenone

2-Oxo-1-phenylpentene see Benzyl propyl ketone

3-Oxo-1-phenylpropane see Hydrocinnamaldehyde

3-Oxophenylpropene-(1) see *trans*-Cinnamaldehyde

2-Oxo-3-phenylpropionic acid sodium salt
see Phenylpyruvic acid sodium salt

Oxophenyl-(2,4,5-trihydroxyphenyl)methane see
2,4,5-Trimethoxybenzophenone

1-Oxophthalane see Phthalide

62932

5-Oxo-L-proline PROSYNTH®

5-Oxo-L-proline / 5-Oxo-L-prolina

 $\text{NHCOCH}_2\text{CH}_2\text{CHCOOH}$
 $\text{C}_5\text{H}_7\text{NO}_3$ $M = 129,12 \text{ g/mol}$

assay (alkalimetric) 97%

melting range 155–157 °C

specific rotation $([\alpha]_D^{20}; c = 10 \text{ in H}_2\text{O})$ $-11^\circ \pm 1^\circ$

2-Oxopropionic acid sodium salt see Pyruvic acid sodium
salt

1-Oxo-1,2,3,4-tetrahydronaphthalene see α -Tetralone

4-Oxo-2-thioneimidazoline see 2-Thiohydantoin

6-Oxo-2-thione-4-methyltetrahydropyrimidine see
4 Methyl-2-thiouracil

5-Oxo-1,1,3-trimethylcyclohexene-(3) see *iso*-Phorone

WG.
2935

25 g

30,25

25,70

24,20

2

e-Number D/ADR GVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
9-Oxoxanthene see Xanthone							
Oxy... see also Hydroxy...							
p-Oxybenzoic acid see 4-Hydroxybenzoic acid							
306	Oxycarboxine min. 99% PESTANAL® $\text{OCH}_2\text{CH}_2\text{SO}_2\text{C}(\text{CONHC}_6\text{H}_5)=\text{CCH}_3$ $\text{C}_{12}\text{H}_{13}\text{NO}_4\text{S}$ $M=267,30$ g/mol	FL. 2935	1 g	39,25	33,35	31,40	29,45
3,3'-Oxydipropionitrile see Bis-(2-cyanoethylether)							
304	Oxygen absorbent 2,5 molar O ₂ absorbent on base of chromium(II) chloride for oxygen determination in the gas analysis <i>Oxygène absorbente 2,5 molar / Oxígeno absorbente 2,5 molar</i>	FL. FL. 3819	250 ml 1 L	42,— 139,—	35,70 118,15	33,60 111,20	31,50 107,05
Oxylith see Potassium peroxodisulphate							
2-Oxymethylfuran see Furfuryl alcohol							
Oxyn see 8-Hydroxyquinoline							
Oxyquinoline and derivates see Hydroxyquinoline and derivates							
Ozone paper see Indicator and reagent papers / Starch-potassium iodide paper							
152	Palatinose BIOSYNTH® <i>Palatinose / Palatinosa</i> $\text{C}_{12}\text{H}_{22}\text{O}_{11}$ $M=342,30$ g/mol melting range 126—128 °C specific rotation ($[\alpha]_D^{20}$; c=3 in H ₂ O) +99,5° ± 2°	package of 250 mg 2943	1 pack	12,—	10,20	9,60	9,25
149	Palladium (Palladium black) <i>Palladium (Noir de palladium) / Paladio (Negro de paladio)</i> Pd $M=106,4$ g/mol assay 98%	WG. 7109	1 g	52,—	44,20	41,60	39,—
1598	Palladium(II) acetate PROSYNTH® <i>Palladium(II) acétate / Paladio(II) acetato</i> (CH ₃ COO) ₂ Pd $\text{C}_4\text{H}_6\text{O}_4\text{Pd}$ $M=224,49$ g/mol assay (ex Pd) 97%	FL. 2849	1 g	47,50	40,40	38,—	35,65
1397	Palladium(II) acetylacetonate PROSYNTH® <i>Palladium(II) acétylacétonate / Paladio(II) acetilacetato</i> Pd(C ₅ H ₇ O ₂) ₂ $\text{C}_{10}\text{H}_{14}\text{O}_4\text{Pd}$ $M=304,62$ g/mol assay (ex Pd) 99% melting range 188—190 °C (disint.)	FL. 2849	1 g	42,75	36,35	34,20	32,05
4150	RCH Palladium catalyst 50/6 powder 5 wt. % Pd/activated carbon <i>Catalyseur RCH palladium 50/6 / Catalizador de paladio RCH 50/6</i> assay of Pd 5% granulation less than 32 µm 80% specific surface area (BET) 700—800 m ² /g pour weight 0,28 g/ml	WG. 3819	10 g	54,—	45,90	43,20	40,50
4151	RCH Palladium catalyst powder 5 wt. % Pd/aluminium oxide <i>Catalyseur RCH palladium / Catalizador de paladio RCH</i> assay of Pd 5% granulation less than 32 µm 85% specific surface area (BET) 300 m ² /g pour weight 0,20 g/ml	WG. 3819	10 g	81,50	69,30	65,20	61,15

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (4 Boxes)	96x (16 Boxes)
62935	RCH Palladium catalyst powder 10 wt. % Pd/barium sulphate <i>Catalyseur RCH palladium / Catalizador de paladio RCH</i> assay of Pd 10% particle size smaller than 32 µm 90% specific surface area (BET) 18 m ² /g pour weight 0,68 g/ml	WG. 3819	10 g	71,50	60,80	57,20	53
64152	RCH Palladium catalyst powder 5 wt. % Pd/barium sulphate <i>Catalyseur RCH palladium / Catalizador de paladio RCH</i> assay of Pd 5% granulation less than 32 µm 90% specific surface area (BET) 18 m ² /g pour weight 0,68 g/ml	WG. 3819	10 g	38,—	32,30	30,40	28
62937	RCH Palladium catalyst powder 10 wt. % Pd/calcium carbonate <i>Catalyseur RCH palladium / Catalizador de paladio RCH</i> assay of Pd 10% particle size smaller than 32 µm 90% specific surface area (BET) 24 m ² /g pour weight 0,48 g/ml	WG. 3819	10 g	71,50	60,80	57,20	53
62936	RCH Palladium catalyst powder 5 wt. % Pd/calcium carbonate <i>Catalyseur RCH palladium / Catalizador de paladio RCH</i> assay of Pd 5% particle size smaller than 32 µm 90% specific surface area (BET) 24 m ² /g pour weight 0,48 g/ml	WG. 3819	10 g	63,50	54,—	50,80	47
62934 A 4.1/1	RCH Palladium catalyst 100/6 powder 10 wt. % Pd/activated carbon <i>Catalyseur RCH palladium 100/6 / Catalizador de paladio RCH 100/6</i> assay of Pd 10% particle size smaller than 32 µm 80% specific surface area (BET) 700-800 m ² /g pour weight 0,28 g/ml	WG. 3819	10 g	60,50	51,45	48,40	45
14757	Palladium(II) chloride <i>Palladium(II) chlorure / Paladio(II) cloruro</i> tube of 1 g PdCl ₂ M = 177,31 g/mol assay of Pd abt. 60%	2849	1 pack	40,50	34,45	32,40	30
14814	Palladium(II) chloride <i>Palladium(II) chlorure / Paladio(II) cloruro</i> glass-stoppered bottle of 10 g PdCl ₂ M = 177,31 g/mol assay of Pd abt. 60%	2849	1 pack	240,—	204,—	192,—	180
14833	Palladium(II) chloride <i>Palladium(II) chlorure / Paladio(II) cloruro</i> glass-stoppered bottle of 100 g PdCl ₂ M = 177,31 g/mol assay of Pd abt. 60%	2849	1 pack	1821,—	1547,85	1456,80	1365
62938	Palladium(II) oxide hydrate 85 wt. % Pd hydrogenation catalyst according to Adams <i>Palladium(II) oxyde hydraté / Paladio(II) óxido hidratado</i> package of 1 g PdO · xH ₂ O M = (anhydrous) 122,40 g/mol assay of Pd 85%	2849	1 pack	51,50	43,80	41,20	38
27734	Palmitic acid pure <i>Acide palmitique / Acido palmítico</i> CH ₃ (CH ₂) ₁₄ COOH C ₁₆ H ₃₂ O ₂ M = 256,43 g/mol assay of palmitic acid 98% assay of stearic acid 1% melting range 61-62 °C	PF. 2914	1 kg	27,—	22,95	21,60	20

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
PAN see 1-(2-Pyridylazo)naphthol-(2)						
PANPEHA® indicator paper see Indicator and reagent papers						
5075 D-Pantothenic acid solution PROSYNTH® 10% in water <i>Acide D-pantothénique en solution / Acido D-pantoténico en solución</i> HOCH ₂ C(CH ₃) ₂ CH(OH)CONHCH ₂ CH ₂ COOH C ₉ H ₁₇ NO ₅ M = 219,24 g/mol 1 L ≈ 1,00 kg assay (alkalimetric) 10% keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera	FL. 2938	25 ml	17,—	14,45	13,60	12,75
PAR see 4-(2-Pyridylazo)-resorcinol monosodium salt						
Paradibromobenzene see 1,4-Dibromobenzene						
Paradichlorobenzene see 1,4-Dichlorobenzene						
3509 Paraffin congealing range 55—60 °C, for histology block form <i>Paraffine / Parafina</i>	K. 2713	1 kg	24,25	20,60	19,40	18,65
4920 ★ Paraffin liquid SPECTRANAL® <i>Paraffine liquide / Parafina líquida</i> suitability for IR spectroscopy passes test	FL. 2710	100 ml	10,75	9,15	8,60	8,05
8512 ★ Paraffin viscid DAB 8 <i>Paraffine / Parafina</i> 1 L ≈ 0,88 kg	FL. FL. EKL. EKL. EKL. 2710	1 L 2,5 L 30 L 5x 10x	17,— 35,25 L L L	14,45 29,25 5,90 5,40 5,15	13,60 27,50	13,10 26,45
8633 Paraffin white, congealing range abt. 45—50 °C, block form <i>Paraffine blanche / Parafina blanca</i>	K. S. 2713	1 kg 50 kg	17,— price on request	14,45	13,60	13,10
8634 Paraffin white, DAB 8, congealing range abt. 50—55 °C, pastilles <i>Paraffine blanche / Parafina blanca</i>	K. S. 2713	1 kg 35 kg	17,— price on request	14,45	13,60	13,10
8635 Paraffin white, congealing range abt. 55—60 °C, pastilles <i>Paraffine blanche / Parafina blanca</i>	K. S. 2713	1 kg 35 kg	22,50 price on request	19,15	18,—	17,35
8636 Paraffin white, congealing range abt. 68—72 °C, block form <i>Paraffine blanche / Parafina blanca</i>	K. S. 2713	1 kg 35 kg	27,25 price on request	23,15	21,80	21,—
16005 Paraformaldehyde powder Erg. B. 6 C 4.1 2213 3 <i>Paraformaldéhyde / Paraformaldehído</i> (CH ₂ O) _x M = (30,03) _x g/mol	PF. PF. FTP. 2911	1 kg 2,5 kg 50 kg	20,— 42,75 price on request	17,— 35,50	16,— 33,35	15,40 32,05
19065 Paraformaldehyde-d _x deuteration degree not less than 99 atom 99 % D C 4.1 2213 3 <i>Paraformaldéhyde-d_x / Paraformaldehído-d_x</i> (CD ₂ O) _x M = (32,01) _x g/mol	FL. 2851	5 g	119,—	101,15	95,20	89,25

Code Number
A) RID/ADR
B) GGV/SGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

16004 ○ Paraldehyde chem. pure Ph Eur. I, B. P. 1973, Ph. Franç. IX,
A 3/3 stabilized with resorcinol (50 mg/l)
C 3.3 1264 3 Paraldéhyde / Paraldehydo
+ 25 °C

(CH₃CHO)₃
C₆H₁₂O₃ M = 132,16 g/mol 1 L ≈ 0,99 kg
congealing point 10–12 °C
boiling range 123–126 °C
density (D₄²⁰) 0,993–0,996
refractive index (n_D²⁰) 1,4040–1,4060
acidly reacting impurities passes test
acetaldehyde 0,2 %
peroxide compounds (as H₂O₂) 0,05 %



R: 11 S: 9-16-29-33
disposal: 6

35840 Paraoxon min. 99% PESTANAL® [0,0-Diethyl-0-(4-nitrophenyl)-phosphate]

A 6.1/81A
C 6.1 1615 2 (C₂H₅O)₂P(O)OC₆H₄NO₂
C₁₀H₁₄NO₆P M = 275,20 g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 26/27/28 S: 1-13-28-45
disposal: 7

35747 Parathion-ethyl min. 99% PESTANAL® [0,0-Diethyl-0-(4-nitrophenyl)-monophosphorothioate]

A 6.1/81A
C 6.1 1668 2 (C₂H₅O)₂P(S)OC₆H₄NO₂
C₁₀H₁₄NO₅PS M = 291,26 g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 26/27/28 S: 1-13-28-45
disposal: 7

35765 Parathion-methyl min. 99% PESTANAL® [0,0-Dimethyl-0-(4-nitrophenyl)-monophosphorothioate]

A 6.1/81A
C 6.1 1668 2 (CH₃O)₂P(S)OC₆H₄NO₂
C₈H₁₀NO₅PS M = 263,21 g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 33 S: 35
disposal: 7

56041 PBBO for scintillation [2-(4-Biphenyl)-6-phenylbenzoxazol]
C₂₅H₁₇NO M = 347,42 g/mol

56021 PBD for scintillation [2-Phenyl-5-(4-biphenyl)-1,3,4-oxadiazole]

QC(C₆H₄C₆H₅) = NN = CC₆H₅
C₂₀H₁₄N₂O M = 298,34 g/mol
melting range 164–167 °C

35814 3-PCB min. 99% PESTANAL® (3-Chlorobiphenyl)

A 6.1/82B2
C 6.1 1615 3 C₆H₅C₆H₄Cl
C₁₂H₉Cl M = 188,66 g/mol



R: 33 S: 35
disposal: 7

35813 2-PCB min. 99% PESTANAL® (2-Chlorobiphenyl)

C₆H₅C₆H₄Cl
C₁₂H₉Cl M = 188,66 g/mol

FL.
EKL.
2911

1 L 31,50 26,80 25,20 24,2
25 kg price on request

FL.
2921

2 g 85,50 72,70 68,40 64,

FL.
2921

2 g 56,50 48,05 45,20 42,

FL.
2921

1 g 64,— 54,40 51,20 48,

WG.
WG.
2935

10 g 69,— 58,65 55,20 51,
50 g 287,— 243,95 229,60 215,

WG.
2935










10 g 169,— 143,65 135,20 126,

FL.
2902

2 g 112,50 95,65 90,— 84,

FL.
2902

1 g 71,50 60,80 57,20 53,

e-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
315	4-PCB min. 99% PESTANAL® (4-Chlorobiphenyl) $C_6H_5C_6H_4Cl$ $C_{12}H_9Cl$ $M = 188,66$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	71,50	60,80	57,20	53,65
357	2,2'-PCB min. 99% PESTANAL® (2,2'-Dichlorobiphenyl) $ClC_6H_4C_6H_4Cl$ $C_{12}H_8Cl_2$ $M = 223,10$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	85,50	72,70	68,40	64,15
365	2,2',3,3',4,4',5,5',6,6'-PCB min. 99% PESTANAL® (Decachlorobiphenyl) $Cl_5C_6C_6Cl_5$ $C_{12}Cl_{10}$ $M = 498,66$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	141,—	119,85	112,80	105,75
358	2,3-PCB min. 99% PESTANAL® (2,3-Dichlorobiphenyl) $Cl_2C_6H_3C_6H_5$ $C_{12}H_8Cl_2$ $M = 223,10$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	2 g	141,—	119,85	112,80	105,75
359	2,4-PCB min. 99% PESTANAL® (2,4-Dichlorobiphenyl) $Cl_2C_6H_3C_6H_5$ $C_{12}H_8Cl_2$ $M = 223,10$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	2 g	141,—	119,85	112,80	105,75
363	2,4,5-PCB min. 99% PESTANAL® (2,4,5-Trichlorobiphenyl) $Cl_3C_6H_2C_6H_5$ $C_{12}H_7Cl_3$ $M = 257,55$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	141,—	119,85	112,80	105,75
360	2,5-PCB min. 99% PESTANAL® (2,5-Dichlorobiphenyl) $Cl_2C_6H_3C_6H_5$ $C_{12}H_8Cl_2$ $M = 223,10$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	2 g	141,—	119,85	112,80	105,75
364	3,3',4,4'-PCB min. 99% PESTANAL® (3,3',4,4'-Tetrachlorobiphenyl) $Cl_2C_6H_3C_6H_3Cl_2$ $C_{12}H_6Cl_4$ $M = 291,99$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	141,—	119,85	112,80	105,75
361	3,4-PCB min. 99% PESTANAL® (3,4-Dichlorobiphenyl) $Cl_2C_6H_3C_6H_5$ $C_{12}H_8Cl_2$ $M = 223,10$ g/mol  R: 33 S: 35 disposal: 7	FL. 2902	1 g	112,50	95,65	90,—	84,40

Code Number
A: R15, ADR
B: GHS, GHS
C: IMDG, CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

35882 3,5-PCB min. 99% PESTANAL®

A 6.1/82B2 (3,5-Dichlorobiphenyl)
C 6.1 1615 3 $C_{12}H_8Cl_2$ $M = 223,10$ g/mol



R: 33 S: 35
disposal: 7

35816 4,4'-PCB min. 99% PESTANAL® (4,4'-Dichlorobiphenyl)

$C_{12}H_8Cl_2$ $M = 223,10$ g/mol



R: 33 S: 35
disposal: 7

36336 PEBAB (p-Ethoxybenzyliden-p-aminobenzonitrile)

A 6.1/21A $C_{20}H_{15}NO$
C 6.1 2810 2 $M = 250,30$ g/mol

melting point 105 °C
clarification point 129 °C

39268 Pectin BIOSYNTH®

Pectine / Pectina

PEHANAL® see Indicator and reagent papers

Pelargon see Dioctyl ketone

64766 Pelargonaldehyde PROSYNTH®

Aldéhyde pélargonique / Aldehído pelargónico

A 3/4 + 77 °C
 $CH_3(CH_2)_7CHO$
 $C_9H_{18}O$ $M = 142,24$ g/mol 1 L ≈ 0,82 kg
assay (GC) 97%
boiling range (at 16 mbar) 79–81 °C
refractive index (n_D^{20}) 1,425
keep in refrigerator
à stocker dans le réfrigérateur
almacenaje en la nevera

62939 Pelargonic acid PROSYNTH®

Acide pélargonique / Acido pelargónico

$CH_3(CH_2)_7COOH$
 $C_9H_{18}O_2$ $M = 158,24$ g/mol 1 L ≈ 0,91 kg
assay (GC) 92%
boiling range 252–255 °C
refractive index (n_D^{20}) 1,432

Pellet's soap solution see Soap solution / Complete range
see appendix (Volumetric solutions)

Pentacalcium hydroxide triphosphate see
tri-Calcium phosphate

35895 Pentachloroaniline min. 99% PESTANAL®

A 6.1/21E $C_6Cl_5NH_2$
C 6.1 1609 2 $M = 265,35$ g/mol



R: 23/24/25-33 S: 28-36/37-44
disposal: 7

35886 Pentachlorobenzene min. 99% PESTANAL®

C_6HCl_5 $M = 250,34$ g/mol

64770 Pentachlorobenzene PROSYNTH®

Pentachlorobenzène / Pentachlorobenceno

C_6HCl_5 $M = 250,34$ g/mol
assay (GC) 98%
melting range 83–85 °C

FL.
2902

2 g 141,— 119,85 112,80 105,—

FL.
2902

1 g 71,50 60,80 57,20 53,—

WG.
WG.
2927

5 g price on request
25 g price on request

WG.
1303

100 g 19,75 16,80 15,80 14,—

FL.
2911

50 ml 23,50 20,— 18,80 17,—

FL.
2914

1 L 26,50 22,55 21,20 20,—

FL.
2922





1 g 35,75 30,40 28,60 26,—

FL.
2902

1 g 21,50 18,30 17,20 16,—

WG.
2902

50 g 31,75 27,— 25,40 23,—

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
862	Pentachloroethane min. 99,9% for gas chromatography <i>Pentachloroéthane / Pentacloroetano</i>	FL. 2902	5 ml	49,25	41,85	39,40	36,95
6.1/12C							
6.1 1669 2	CCl ₃ CHCl ₂ C ₂ HCl ₅ M = 202,29 g/mol 1 L ≈ 1,67 kg						
	 R: 26/27 S: 1-38-45 disposal: 13						
2942	Pentachloroethane PROSYNTH® <i>Pentachloroéthane / Pentacloroetano</i>	FL. 2902	250 ml	30,75	26,15	24,60	23,05
6.1/12C							
6.1 1669 2	CCl ₃ CHCl ₂ C ₂ HCl ₅ M = 202,29 g/mol 1 L ≈ 1,68 kg assay (GC) 95% boiling range 160–162 °C refractive index (n _D ²⁰) 1,503						
	 R: 26/27 S: 1-38-45 disposal: 13						
	2,3,4,5,6-Pentachloro-1-hydroxybenzene see Pentachlorophenol						
5799	Pentachlorophenol min. 99% PESTANAL® <i>Pentachlorophénol / Pentaclorofenol</i>	FL. 2907	1 g	19,25	16,35	15,40	14,45
6.1/82B1							
6.1 ./. 2	Cl ₅ C ₆ OH C ₆ HCl ₅ O M = 266,34 g/mol						
	 R: 23/24/25 S: 28-36/39-44 disposal: 10						
2943	Pentachlorophenol PROSYNTH® <i>Pentachlorophénol / Pentaclorofenol</i>	PF. 2907	500 g	16,—	13,60	12,80	12,30
6.1/13C							
6.1 2020 3	Cl ₅ C ₆ OH C ₆ HCl ₅ O M = 266,34 g/mol keep in refrigerator à stocker dans le frigidaire almacenja en la nevera						
	 R: 23/24/25 S: 28-36/39-44 disposal: 10						
53705	Pentachloropyridine PROSYNTH® <i>Pentachloropyridine / Pentacloropiridina</i>	WG. 2935	50 g	38,50	32,75	30,80	28,90
6.1/61							
6.1 2811 3	N = CCICCI = CCICCI = CCI C ₅ Cl ₅ N M = 251,33 g/mol						
32260	n-Pentadecane min. 99,9% for gas chromatography <i>n-Pentadécane / n-Pentadecano</i>	FL. 2901	5 ml	49,25	41,85	39,40	36,95
	CH ₃ (CH ₂) ₁₃ CH ₃ C ₁₅ H ₃₂ M = 212,42 g/mol 1 L ≈ 0,77 kg						
62944	n-Pentadecane PROSYNTH® <i>n-Pentadécane / n-Pentadecano</i>	FL. 2901	25 ml	35,50	30,20	28,40	26,65
	CH ₃ (CH ₂) ₁₃ CH ₃ C ₁₅ H ₃₂ M = 212,42 g/mol 1 L ≈ 0,77 kg assay (GC) 99% boiling range 269–271 °C refractive index (n _D ²⁰) 1,432						
64773	Pentadecanoic acid PROSYNTH® <i>Acide pentadécanoïque / Acido pentadecanóico</i>	WG. 2914	10 g	28,—	23,80	22,40	21,—
	CH ₃ (CH ₂) ₁₃ COOH C ₁₅ H ₃₀ O ₂ M = 242,40 g/mol assay (GC) 98% melting range 51–53 °C						

Code Number
 A) R.C. ADR
 B) GSV, GSVS
 C) MDG CODE (GSVSee)

Type of package
 B.T.N.

Price per
 package DM

1x

6x
 (1 Box)

24x
 (4 Boxes)

96x
 (16 Boxes)

64772 Pentadecanoic acid nitrile PROSYNTH®
 A 6 1/21A *Acide pentadecanoïque nitrile / Acido pentadecanóico*
 C 6.1 1935 1 *nitrilo*

CH3(CH2)13CN

C15H29N $M = 223,40$ g/mol

1 L \approx 0,83 kg

assay (GC) 98%

boiling range (at 31 mbar) 182–184 °C



R: 23/24/25 S: 44

disposal: 15

FL.
 2927

25 ml 37,25 31,65 29,80 27,91

62946 1-Pentadecanol PROSYNTH®
Pentadécanol-1 / 1-Pentadecanol

CH3(CH2)14OH

C15H32O $M = 228,42$ g/mol

assay (GC) 99%

melting range 43–45 °C

WG.
 2904

10 g 42,75 36,35 34,20 32,01

65076 2-Pentadecanol PROSYNTH®
Pentadécanol-2 / 2-Pentadecanol

CH3(CH2)12CH(OH)CH3

C15H32O $M = 228,42$ g/mol

assay (GC) 97%

melting range 31–33 °C

WG.
 2904

10 g 43,75 37,20 35,— 32,81

Pentadecanone-(8) see Diheptyl ketone

Pentadecyl alcohol see Pentadecanol-(1)

Pentadeutero nitrobenzene see Nitrobenzene-D₅

Pentadeuteropyridine see Pyridine-D₅

62947 Pentaerythritol PROSYNTH®
Pentaérythritol / Pentaeritrita

C(CH2OH)4

C5H12O4 $M = 136,15$ g/mol

assay 98%

melting range 256–258 °C

PF.
 2904

1 kg 26,25 22,30 21,— 20,2

65077 Pentaerythritol tetrabromide PROSYNTH®
Pentaerythritetétrabromure / Pentaeritritotetrabromuro

C(CH2Br)4

C5H8Br4 $M = 387,73$ g/mol

assay (ex Br) 98%

melting range 158–160 °C

WG.
 2904

10 g 23,— 19,55 18,40 17,2

65178 Pentaethylene glycol dimethyl ether PROSYNTH®
Pentaéthylèneglycol diméthyléther / Pentaetilenglicol dimetileter

CH3(OCH2CH2)5OCH3

C12H26O6 $M = 266,33$ g/mol

1 L \approx 1,03 kg

assay (GC) 98%

boiling range (at 0,2 mbar) 144–146 °C

refractive index (n_D^{20}) 1,437

FL.
 2908

50 ml 12,75 10,85 10,20 9,5

61366 Pentafluoroacetophenone PROSYNTH®
 A 6 1/238 *Pentafluoroacétophénone / Pentafluoroacetofenona*
 C 6.1 2811 2

C6F5COCH3


C6H3F5O $M = 210,10$ g/mol

assay (GC) 99%

boiling range (at 0,5 mbar) 50–52 °C

FL.
 2913

1 g 207,— 175,95 165,60 155,2

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
438	Pentafluoroaniline PROSYNTH® 6.1/21E <i>Pentafluoroaniline / Pentafluoroanilina</i> 6.1 2811 2 <chem>C6F5NH2</chem> <chem>C6H2F5N</chem> $M = 183,08 \text{ g/mol}$ assay (GC) 98% Schmelzbereich 33–35 °C melting range 33–35 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	5 g	25,50	21,70	20,40	19,15
1364	2,3,4,5,6-Pentafluoroanisole PROSYNTH® 3/4 <i>2-3-4-5-6-Pentafluoroanisole / 2,3,4,5,6-Pentafluoroanisol</i> <chem>C6F5OCH3</chem> <chem>C7H3F5O</chem> $M = 198,09 \text{ g/mol}$ 1 L ≈ 1,50 kg assay (GC) 99% boiling range 138–140 °C	FL. 2908	5 ml	106,—	90,10	84,80	79,50
1367	Pentafluorobenzaldehyde PROSYNTH® <i>Pentafluorobenzaldéhyde / Pentafluorobenzaldehydo</i> <chem>C6F5CHO</chem> <chem>C7HF5O</chem> $M = 196,08 \text{ g/mol}$ assay (GC) 98% boiling range 164–166 °C refractive index (n_D^{20}) 1,451	FL. 2912	5 g	85,50	72,70	68,40	64,15
1329	Pentafluorobenzene PROSYNTH® A 6.1/12 <i>Pentafluorobenzène / Pentafluorobenceno</i> C 6.1 2810 2 <chem>C6HF5</chem> $M = 168,07 \text{ g/mol}$ 1 L ≈ 1,52 kg assay (GC) 99% boiling range 83–85 °C refractive index (n_D^{20}) 1,391	FL. 2902	5 ml	51,50	43,80	41,20	38,65
61313	Pentafluorobenzoic acid PROSYNTH® <i>Acide pentafluorobenzoïque / Acido pentafluorobenzóico</i> <chem>C6F5COOH</chem> <chem>C7HF5O2</chem> $M = 212,08 \text{ g/mol}$ assay (alkalimetric) 98% melting range 101–103 °C	FL. 2914	5 g	69,—	58,65	55,20	51,75
61439	Pentafluorobenzonitrile PROSYNTH® A 6.1/21 <i>Pentafluorobenzonitrile / Pentafluorobenzonitrilo</i> C 6.1 2811 2 <chem>C6F5CN</chem> <chem>C7F5N</chem> $M = 193,08 \text{ g/mol}$ 1 L ≈ 1,57 kg assay (GC) 98% boiling range 186–188 °C refractive index (n_D^{20}) 1,422	FL. 2927	1 g	17,—	14,45	13,60	12,75
61368	Pentafluoroiodobenzene PROSYNTH® <i>Pentafluoroiodobenzène / Pentafluoroyodobenceno</i> <chem>C6F5J</chem> $M = 293,96 \text{ g/mol}$ assay (GC) 98% refractive index (n_D^{20}) 1,497	FL. 2902	5 g	49,50	42,10	39,60	37,15
61369	Pentafluorophenol PROSYNTH® A 6.1/13C <i>Pentafluorophénol / Pentafluorofenol</i> C 6.1 2811 3 <chem>C6F5OH</chem> <chem>C6HF5O</chem> $M = 184,07 \text{ g/mol}$ assay (GC) 98% boiling range 140–141 °C	FL. 2907	5 g	26,75	22,75	21,40	20,05
61440	Pentafluorophenyl isothiocyanate PROSYNTH® A 6.1/21 <i>Pentafluorophényl isothiocyanate / Pentafluorofenil</i> C 6.1 2810 2 <i>isotiocianato</i> <chem>SCNC6F5</chem> <chem>C7F5NS</chem> $M = 225,14 \text{ g/mol}$ 1 L ≈ 1,60 kg assay (GC) 97% refractive index (n_D^{20}) 1,532	A. 2931	1 ml	44,75	38,05	35,80	33,55

Code-Number

A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

61258 2,2,3,3,3-Pentafluoropropionic acid PROSYNTH®
A 8/21A2 *Acide 2-2-3-3-3-pentafluoropropionique / Acido 2,2,3,3,3-*
C 8 1760 2 *pentafluoropropionico*

CF3CF2COOH
C3HF5O2 $M = 164,03$ g/mol 1 L ≈ 1,56 kg
assay (alkalimetric) 98%
boiling range 95–97 °C
refractive index (n_D^{20}) 1,284

FL.
2914

25 ml 65,50 55,70 52,40 49,1

61441 2,3,4,5,6-Pentafluorostyrene PROSYNTH®
A 3/3 *Pentafluorostyrène-2-3-4-5-6 / 2,3,4,5,6-*
C 3.3 1992 2 *Pentafluoroestireno*
+ 28 °C

C6F5CH=CH2
C6H3F5 $M = 194,10$ g/mol
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

R: 10 disposal: 7

FL.
2902

1 g 25,25 21,45 20,20 18,9

61370 Pentafluorothiophenol PROSYNTH®
A 6.1/13C *Pentafluorothiophénol / Pentafluorotiofenol*
C 6.1 • 1671 2

C6F5SH
C6HF5S $M = 200,13$ g/mol 1 L ≈ 1,59 kg
assay (GC) 98%
boiling range 141–143 °C
refractive index (n_D^{20}) 1,465

FL.
2931

5 ml 142,— 120,70 113,60 106,5

61365 2,3,4,5,6-Pentafluorotoluene PROSYNTH®
A 3/4 *2-3-4-5-6-Pentafluorotoluène / 2,3,4,5,6-Pentafluorotolueno*

C6F5CH3
C7H3F5 $M = 182,09$ g/mol 1 L ≈ 1,44 kg
boiling range 117–120 °C

FL.
2902

5 ml 225,— 191,25 180,— 168,7

3,3',4',5,7-Pentahydroxyflavone see Quercetin

3,5,7,2',4'-Pentahydroxyflavone see Morin

Pentalonide-(4,1) see γ -Valerolactone

Pentamethylene bromide see 1,5-Dibromopentane

64774 Pentamethylenediamine PROSYNTH®
A 8/35 *Pentaméthylènediamine / Pentametilendiamina*
C 8 1719 2

H2N(CH2)5NH2
C6H14N2 $M = 102,18$ g/mol 1 L ≈ 0,87 kg
assay (GC) 96%
boiling range 178–180 °C
refractive index (n_D^{20}) 1,458

FL.
2922

10 ml 25,25 21,45 20,20 18,9

Pentamethylene glycol see Pentanediol-(1,5)






16504 ★ Pentane mixture of isomers
A 3/1A *Pentane / Pentano*

C 3.1 1265 1 C5H12 $M = 72,15$ g/mol 1 L ≈ 0,63 kg
-20 °C
assay (sum of *iso*- and *n*-pentane) (GC) 99,5%
boiling range 33–37 °C
density (D_4^{20}) 0,624–0,626
refractive index (n_D^{20}) 1,3565–1,3575
non-volatile matter 0,001%

FL.
ALU.
EKL.
2901

1 L 17,— 14,45 13,60 13,1
† 5 L 63,50 52,70 49,55 47,6
30 L L 5,40

R: 11 S: 9-16-29-33
disposal: 6

08 ★ iso-Pentane 1A iso-Pentane / iso-Pentano 1 1265 1 <chem>CH3CH2CH(CH3)2</chem> C <chem>C5H12</chem> $M = 72,15 \text{ g/mol}$ $1 \text{ L} \approx 0,62 \text{ kg}$ assay (GC) 98,5% boiling range 28,0—28,5 °C density (D_4^{20}) 0,620—0,621 refractive index (n_D^{20}) 1,5330—1,5334 non-volatile matter 0,001%  R: 11 S: 9-16-29-33 disposal: 6	FL. FL. ALU. EKL. 2901	500 ml 1 L † 5 L 30 L L	16,50 30,— 126,50 L 13,—	14,05 25,50 105,— 13,—	13,20 24,— 98,65	12,70 23,10 94,90
288 ★ n-Pentane R.G. 1A n-Pentane / n-Pentano 1 1265 1 <chem>CH3(CH2)3CH3</chem> °C <chem>C5H12</chem> $M = 72,15 \text{ g/mol}$ $1 \text{ L} \approx 0,63 \text{ kg}$ assay (GC) min. 99% water (according to Karl Fischer) max. 0,01% acid number max. 0,005 reaction to sulphuric acid passes test  R: 11 S: 9-16-29-33 disposal: 6	FL. ALU. 2901	1 L 5 L	50,— 213,—	42,50 176,80	39,— 166,15	37,— 159,75
250 n-Pentane min. 99,9% for gas chromatography 3/1A n-Pentane / n-Pentano 1 1265 1 <chem>CH3(CH2)3CH3</chem> °C <chem>C5H12</chem> $M = 72,15 \text{ g/mol}$ $1 \text{ L} \approx 0,63 \text{ kg}$  R: 11 S: 9-16-29-33 disposal: 6	FL. 2901	5 ml	49,25	41,85	39,40	36,95
1930 ★ n-Pentane SPECTRANAL® 3/1A n-Pentane / n-Pentano 1 1265 1 <chem>CH3(CH2)3CH3</chem> °C <chem>C5H12</chem> $M = 72,15 \text{ g/mol}$ $1 \text{ L} \approx 0,63 \text{ kg}$ assay (GC) min. 99% total content hydrocarbons min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,005% free acid (as <chem>CH3COOH</chem>) max. 0,001% suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wavelength (nm): min. 20%/200, min. 60%/210, min. 85%/220, min. 95%/230, min. 98%/from 240 suitability for IR spectroscopy passes test  R: 11 S: 9-16-29-33 disposal: 6	FL. 2901	1 L	56,50	48,05	45,20	43,50
0489 ★ n-Pentane PROSYNTH® 3/1A n-Pentane / n-Pentano 1 1265 1 <chem>CH3(CH2)3CH3</chem> °C <chem>C5H12</chem> $M = 72,15 \text{ g/mol}$ $1 \text{ L} \approx 0,63 \text{ kg}$ assay (GC) 99% boiling range 34—36 °C refractive index (n_D^{20}) 1,357  R: 11 S: 9-16-29-33 disposal: 6	FL. ALU. 2901	1 L 5 L	29,75 111,50	25,30 92,55	23,80 86,95	22,90 83,65

Code Number
A: RICIADR
B: GGVV
C: MUG CODE (GGVSee)

16534 ★ n-Pentane 95%

A 3/1A n-Pentane / n-Pentano

C 3.1 1285 1 CH₃(CH₂)₃CH₃

-20°C C₅H₁₂ M = 72,15 g/mol

1 L ≈ 0,63 kg

assay (GC) 95%

density (D₄²⁰) 0,624—0,626

acid number 0,005

reaction to sulphuric acid passes test



R: 11 S: 9-16-29-33

disposal: 6

3-Pentanecarboxylic acid see 2-Ethylbutyric acid

Pentanedial see Glutardialdehyde

62949 Pentanediol-(1,5) PROSYNTH®

Pentanediol-(1-5) / Pentanodiol-(1,5)

HO(CH₂)₅OH

C₅H₁₂O₂ M = 104,15 g/mol

1 L ≈ 0,99 kg

assay (GC) 99%

boiling range 240—243 °C

refractive index (n_D²⁰) 1,450

62950 Pentanediol-(2,4) mixture of isomers PROSYNTH®

Pentanediol-(2-4) / Pentanodiol-(2,4)

CH₃CH(OH)CH₂CH(OH)CH₃

C₅H₁₂O₂ M = 104,15 g/mol

1 L ≈ 0,96 kg

assay (GC) 98%

39605 1,5-Pentanediol adipate for gas chromatography

1-5-Pentanediol adipate / 1,5-Pentanodiol adipato

[-O(CH₂)₅OCO(CH₂)₄CO-]_n

(C₁₀H₁₈O₄)_n M = (202,25)_n g/mol

working temperature 60 to 225 °C

39615 1,5-Pentanediol succinate for gas chromatography

1-5-Pentanediol succinate / 1,5-Pentanodiol succinato

[-O(CH₂)₅OCOCH₂CH₂CO-]_n

(C₉H₁₄O₄)_n M = (186,21)_n g/mol

working temperature to 225 °C

Pentanedione-(2,4) see Acetylacetone

64777 1,5-Pentanedithiol PROSYNTH®

A 3/4 1-5-Pentanedithiol / 1,5-Pentanodithiol

HS(CH₂)₅SH

C₅H₁₂S₂ M = 136,28 g/mol

1 L ≈ 1,02 kg

assay (GC) 98%

boiling range 215—217 °C

refractive index (n_D²⁰) 1,519

Pentanemethylene dimercaptan see 1,5-Pentanedithiol

FL.
ALU.
2901

1 L 20,75 17,65 16,60 16,
5 L 87,50 72,65 68,25 65,

FL.
2904

250 ml 25,50 21,70 20,40 19

FL.
2904

25 ml 38,25 32,50 30,60 28

FL.
2915





25 g 51,— 43,35 40,80 38,

WG.
2915

25 g 50,50 42,95 40,40 37

FL.
2931

25 ml 76,50 65,05 61,20 57,

E-Number D/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
285	Pentanol-(1) R. G.	FL.	500 ml	17,—	14,45	13,60	13,10
3	Pentanol-(1) / Pentanol-(1)	FL.	1 L	31,25	26,55	25,—	24,05
3 1105 2	CH ₃ (CH ₂) ₄ OH	2904					
9°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,82 kg						
	assay (GC) min. 99%						
	boiling range 137—139 °C						
	density (D ₄ ²⁰) 0,814—0,816						
	refractive index (n _D ²⁰) 1,4090—1,4100						
	non-volatile matter max. 0,001%						
	water (according to Karl Fischer) max. 0,1%						
	free acid (as CH ₃ COOH) max. 0,005%						
	aluminium (Al) max. 0,00005%						
	barium (Ba) max. 0,00001%						
	lead (Pb) max. 0,00001%						
	boron (B) max. 0,000002%						
	cadmium (Cd) max. 0,000005%						
	calcium (Ca) max. 0,00005%						
	chromium (Cr) max. 0,000002%						
	iron (Fe) max. 0,00001%						
	cobalt (Co) max. 0,000002%						
	copper (Cu) max. 0,000002%						
	magnesium (Mg) max. 0,00001%						
	manganese (Mn) max. 0,000002%						
	Nickel (Ni) max. 0,000002%						
	zinc (Zn) max. 0,00001%						
	tin (Sn) max. 0,00001%						
	reaction to sulphuric acid passes test						
	aldehydes [as CH ₃ (CH ₂) ₃ CHO] max. 0,05%						
	 R: 10-20 S: 24/25 disposal: 6						
0243	Pentanol-(1) PROSYNTH® (n-amyl alcohol)	FL.	500 ml	12,—	10,20	9,60	9,25
3/3	Pentanol-(1) / Pentanol-(1)	FL.	2,5 L	46,—	38,20	35,90	34,50
3.3 1105 2	CH ₃ (CH ₂) ₄ OH	2904					
49°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,82 kg						
	assay (GC) 99%						
	boiling range 137—139 °C						
	refractive index (n _D ²⁰) 1,410						
	 R: 10-20 S: 24/25 disposal: 6						
0244	Pentanol-(2) PROSYNTH®	FL.	500 ml	29,50	25,10	23,60	22,70
3/3	Pentanol-(2) / Pentanol-(2)	2904					
3.3 1105 2	CH ₃ (CH ₂) ₂ CH(OH)CH ₃						
34°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,81 kg						
	assay (GC) 98%						
	boiling range 117—119 °C						
	refractive index (n _D ²⁰) 1,406						
	 R: 10-20 S: 24/25 disposal: 6						
02951	Pentanol-(3) PROSYNTH®	FL.	50 ml	15,50	13,20	12,40	11,65
3/3	Pentanol-(3) / Pentanol-(3)	2904					
3.3 1105 2	(C ₂ H ₅) ₂ CHOH						
34°C	C ₅ H ₁₂ O M = 88,15 g/mol 1 L ≈ 0,82 kg						
	assay (GC) 98%						
	boiling range 114—116 °C						
	refractive index (n _D ²⁰) 1,410						
	 R: 10-20 S: 24/25 disposal: 6						
	Pentanone-(2) see Methyl propyl ketone						
	Pentanone-(3) see Diethyl ketone						

Code-Number
A) RID/ADR
B) GSV/CEV
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

62952 Pentene-(1) PROSYNTH®

A 3/1A Pentène-(1) / Penteno-(1)

C 3.1 1100 1 CH3CH2CH2CH=CH2 1 L ≈ 0,64 kg
-18 °C C5H10 M = 70,13 g/mol 98%
assay (GC) 30–32 °C
boiling range 1,371
refractive index (n_D²⁰)



R: 11 S: 9-16-33
disposal: 6

FL.
2901

100 ml 49,75 42,30 39,80 37,3

62953 Pentene-(2) PROSYNTH® mixture of cis- and trans-isomers

A 3/1A Pentène-(2) / Penteno-(2)

C 3.2 1993 2 CH3CH2CH=CHCH3 1 L ≈ 0,66 kg
-17 °C C5H10 M = 70,13 g/mol 95%
assay (GC) 34–37 °C
boiling range 1,381
refractive index (n_D²⁰)

iso-Pentyl alcohol see 3-Methyl-1-butanol

tert.-Pentyl alcohol see 2-Methylbutanol-(2)

FL.
2901

100 ml 30,75 26,15 24,60 23,0

62955 Pentylamine PROSYNTH®

A 3/5 Pentylamine / Pentilamina

C 3.2 1108 2 CH3(CH2)4NH2 1 L ≈ 0,76 kg
+4 °C C5H13N M = 87,16 g/mol 99%
assay (GC) 102–104 °C
boiling range 1,412
refractive index (n_D²⁰)



R: 11-36/37 S: 16-26-29
disposal: 19

FL.
2922

50 ml 24,— 20,40 19,20 18,

63868 iso-Pentylamine PROSYNTH®

A 3/1A iso-Pentylamine / iso-Pentilamina

C 3.2 2733 2 (CH3)2CHCH2CH2NH2 1 L ≈ 0,75 kg
-1 °C C5H13N M = 87,16 g/mol 99%
assay (GC) 95–97 °C
boiling range 1,408
refractive index (n_D²⁰)



R: 11-36/37 S: 16-26-29
disposal: 19

FL.
2922

25 ml 18,75 15,95 15,— 14,

62956 n-Pentylbenzene PROSYNTH®

A 3/4 n-Pentylbenzene / n-Pentilbenceno

+65 °C C6H5(CH2)4CH3 1 L ≈ 0,86 kg
C11H16 M = 148,25 g/mol 98%
assay (GC) 203–205 °C
boiling range 1,487
refractive index (n_D²⁰)

FL.
2901

100 ml 69,— 58,65 55,20 51,

65137 sec.-Pentylbenzene PROSYNTH®

A 3/3 sec.-Pentylbenzene / sec.-Pentilbenceno

+42 °C C6H5CH(CH3)CH2CH2CH3 1 L ≈ 0,86 kg
C11H16 M = 148,25 g/mol 97%
assay (GC) 196–198 °C
boiling range 1,487
refractive index (n_D²⁰)

FL.
2901

50 ml 28,— 23,80 22,40 21,

R: 10 disposal: 6

iso-Pentyl bromide see 1-Bromo-3-methylbutane




Pentyl chloride see 1-Chloropentane

Pentyl cyanide see Capronitrile

Pentyl iodide see 1-Iodopentane

iso-Pentyl iodide see 1-Iodo-3-methylbutane

iso-Pentyl nitrite see iso-Amyl nitrite

Number /ADR VE/GGVs OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
4	Pentyl propionate PROSYNTH® <i>Pentyle propionate / Pentilo propionato</i>	FL. 2914	250 ml	26,25	22,30	21,—	19,70
1993 2	CH ₃ CH ₂ COO(CH ₂) ₄ CH ₃						
C	C ₈ H ₁₆ O ₂ M = 144,21 g/mol 1 L ≈ 0,87 kg assay (GC) 98% boiling range 167—169 °C refractive index (n _D ²⁰) 1,410						
	R: 10 S: 23 disposal: 6						
54	Pentyne-(1) PROSYNTH® <i>Pentyne-(1) / Pentino-(1)</i>	FL. 2901	25 ml	49,75	42,30	39,80	37,30
1993 2	CH ₃ CH ₂ CH ₂ C≡CH						
C	C ₅ H ₈ M = 68,12 g/mol 1 L ≈ 0,69 kg assay (GC) 98% boiling range 39—41 °C refractive index (n _D ²⁰) 1,385						
	 R: 11 S: 9-16-33 disposal: 6						
20	Pepsin 1000 units/g, DAB 5 <i>Pepsine / Pepsina</i>	PF. 3507	1 kg	28,50	24,25	22,80	21,95
21	Pepsin 1200 units/g, DAB 6 <i>Pepsine / Pepsina</i>	PF. PF. PF. 3507	500 g 1 kg 5 kg	18,50 33,25 136,50	15,75 28,25 113,30	14,80 26,60 106,45	14,25 25,60 102,40
395	Pepsin 10000 units/g, DAB 8 <i>Pepsine / Pepsina</i>	PF. PF. 3507	100 g 1 kg	18,75 141,—	15,95 119,85	15,— 112,80	14,05 108,55
323	Peptone exsiccated, from meat <i>Peptone / Peptona</i>	PF. PF. 3504	250 g 1 kg	35,— 117,—	29,75 99,45	28,— 93,60	26,25 90,10
755	Perchloric acid 70%, R. G., Reag. ISO, Reag. Ph. Eur. I <i>Acide perchlorique / Acido perclórico</i>	FL. FL. FL. TS. 2813	500 ml 1 L 2,5 L 35 kg	27,75 51,— 106,— kg	23,60 43,35 88,— 15,60	22,20 40,80 82,70	21,35 39,25 79,50
1 1873 1	HClO ₄ M = 100,46 g/mol 1 L ≈ 1,67 kg assay min. 70% insoluble in ethanol max. 0,001% residue on ignition (as sulphates) max. 0,003% lead (Pb) max. 0,00001% cadmium (Cd) max. 0,00001% iron (Fe) max. 0,0002% copper (Cu) max. 0,00001% manganese (Mn) max. 0,00005% silver (Ag) max. 0,0005% zinc (Zn) max. 0,00005% free chlorine (Cl) max. 0,00005% chloride (Cl) max. 0,0003% phosphate and silicate (as SiO ₂) max. 0,0005% sulphate (SO ₄) max. 0,001% total nitrogen (N) max. 0,002%						
	  R: 5-8-35 S: 23-26-36 disposal: 16						

Code Number
A) RID ADR
B) GGVSE GGVSE
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

30750 Perchloric acid 70% R. G. for determination of mercury,
A 5.1/3 Reag. ISO, Reag. Ph. Eur. I
C 5.1 1873 1 Acide perchlorique / Acido perclórico

HClO₄ M = 100,46 g/mol 1 L ≈ 1,67 kg

assay	min. 70%
insoluble in ethanol	max. 0,001%
residue on ignition (as sulphates)	max. 0,003%
lead (Pb)	max. 0,00001%
cadmium (Cd)	max. 0,00001%
iron (Fe)	max. 0,00001%
copper (Cu)	max. 0,00005%
manganese (Mn)	max. 0,000005%
mercury (Hg)	max. 0,0005%
silver (Ag)	max. 0,00005%
zinc (Zn)	max. 0,00005%
free chlorine (Cl)	max. 0,0003%
chloride (Cl)	max. 0,0005%
phosphate and silicate (as SiO ₂)	max. 0,001%
sulphate (SO ₄)	max. 0,002%
total nitrogen (N)	



R: 5-8-35 S: 23-26-36
disposal: 16

17830 Perchloric acid 70%, PURANAL®
A 5.1/3 Acide perchlorique / Acido perclórico

C 5.1 1873 1 HClO₄ M = 100,46 g/mol 1 L ≈ 1,67 kg

assay	min. 70%
insoluble in ethanol	max. 10 ppm
residue on ignition (as sulphates)	max. 30 ppm
aluminium (Al)	max. 0,05 ppm
barium (Ba)	max. 0,1 ppm
beryllium (Be)	max. 0,02 ppm
lead (Pb)	max. 0,05 ppm
cadmium (Cd)	max. 0,05 ppm
calcium (Ca)	max. 0,5 ppm
chromium (Cr)	max. 0,05 ppm
iron (Fe)	max. 1 ppm
gallium (Ga)	max. 0,02 ppm
gold (Au)	max. 0,1 ppm
indium (In)	max. 0,02 ppm
potassium (K)	max. 0,5 ppm
cobalt (Co)	max. 0,05 ppm
copper (Cu)	max. 0,05 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,5 ppm
manganese (Mn)	max. 0,05 ppm
molybdenum (Mo)	max. 0,05 ppm
sodium (Na)	max. 0,5 ppm
nickel (Ni)	max. 0,1 ppm
platinum (Pt)	max. 0,2 ppm
silver (Ag)	max. 0,05 ppm
strontium (Sr)	max. 0,1 ppm
thallium (Tl)	max. 0,05 ppm
titanium (Ti)	max. 0,5 ppm
vanadium (V)	max. 0,05 ppm
bismuth (Bi)	max. 0,1 ppm
zinc (Zn)	max. 0,1 ppm
tin (Sn)	max. 0,1 ppm
zirconium (Zr)	max. 0,1 ppm
free chlorine (Cl)	max. 0,5 ppm
chloride (Cl)	max. 3 ppm
phosphate and silicate (as SiO ₂)	max. 5 ppm
sulphate (SO ₄)	max. 10 ppm
total nitrogen (N)	max. 20 ppm






R: 5-8-35 S: 23-26-36
disposal: 16

FL.
2813

1 L 64,50 54,85 51,60 49

FL.
TS.
2813

2,5 L price on request
35 kg price on request



-Number /ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
54	Perchloric acid 60%, R. G. Reag. ISO	FL.	1 L	42,—	35,70	33,60	32,35
/3	Acide perchlorique / Acido perclórico	FL.	2,5 L	88,—	73,05	68,65	66,—
1873 1	HClO ₄ M = 100,46 g/mol 1 L ≈ 1,53 kg	TS.	30 kg	kg	13,45		
	assay min. 60%	2813					
	insoluble in ethanol max. 0,001%						
	residue on ignition (as sulphates) max. 0,003%						
	lead (Pb) max. 0,00001%						
	cadmium (Cd) max. 0,00001%						
	iron (Fe) max. 0,0002%						
	copper (Cu) max. 0,00001%						
	manganese (Mn) max. 0,00005%						
	silver (Ag) max. 0,0005%						
	zinc (Zn) max. 0,00005%						
	chloride (Cl) max. 0,0003%						
	free chlorine (Cl) max. 0,00005%						
	phosphate and silicate (as SiO ₂) max. 0,0005%						
	sulphate (SO ₄) max. 0,001%						
	total nitrogen (N) max. 0,002%						
	  R: 5-8-35 S: 23-26-36 disposal: 16						
	Perchlorobutadiene see Hexachlorobutadiene-(1,3)						
	Perchlorocyclopentadiene see Hexachlorocyclopentadiene						
	Perchloroethylene see Tetrachloroethylene						
	Perchloromethane see Carbon tetrachloride						
	Perchloromethylmercaptan see Trichloromethanesulphenyl chloride						
642	PERDROGEN® R.G. (30% by weight H ₂ O ₂ ≐ 100 by volume oxygen) (hydrogen peroxide) Reag. Ph. Eur. I	PF.	250 ml	12,—	10,20	9,60	9,—
/41B		PF.	1 L	30,75	26,15	24,60	23,70
1 2014 2	H ₂ O ₂ M = 34,01 g/mol 1 L ≈ 1,11 kg	PK.	5 L	120,—	99,60	93,60	90,—
	assay min. 30%	2854					
	non-volatile matter max. 0,005%						
	residue on ignition max. 0,002%						
	free acid (as H ₂ SO ₄) max. 0,003%						
	lead (Pb) max. 0,000002%						
	iron (Fe) max. 0,00001%						
	copper (Cu) max. 0,000002%						
	nickel (Ni) max. 0,000002%						
	chloride (Cl) max. 0,00005%						
	phosphate (PO ₄) max. 0,0002%						
	sulphate (SO ₄) max. 0,0002%						
	total nitrogen (N) max. 0,0004%						
	 R: 34 S: 28-39 disposal: 8						
	Perfluorobutanol see Heptafluoro-1-butanol						
1133	(Perfluorobutyl)-acetyl chloride PROSYNTH®	FL.	25 ml	137,50	116,90	110,—	103,15
8/22	(Perfluorobutyl)-acétyle chlorure / (Perfluorobutil)-acetilo	2914					
8 1760 2	cloruro						
	CF ₃ (CF ₂) ₃ CH ₂ COCl						
	C ₆ H ₂ ClF ₉ O M = 296,52 g/mol 1 L ≈ 1,65 kg						
	assay (ex Cl) 95%						
	boiling range (at 133 mbar) 66—68 °C						
1001	Perfluorobutyl iodide PROSYNTH®	FL.	25 ml	138,50	117,75	110,80	103,90
8.1/23	Perfluorobutyle iodure / Perfluorobutilo yoduro	2902					
8.1.2810 2	CF ₃ (CF ₂) ₃ I						
	C ₄ F ₉ I M = 345,93 g/mol 1 L ≈ 2,04 kg						
	assay (GC) 95%						
	boiling range 64—66 °C						
	refractive index (n _D ²⁰) 1,329						
	(traces of free iodine)						
1445	Perfluorobutyramide PROSYNTH®	WG.	5 g	23,—	19,55	18,40	17,25
	Perfluorobutyramide / Perfluorobutirico amida	2925					
	CF ₃ CF ₂ CF ₂ CONH ₂						
	C ₄ H ₂ F ₇ NO M = 213,05 g/mol						
	assay (ex N) 95%						

Code Number
A) RID/ADR
B) GGV, GGVs
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 8x
(1 Box) (4 Boxes) (10 Boxes) (10 Boxes)

61354	Perfluorobutyric acid PROSYNTH® <i>Acide perfluorobutyrique / Acido perfluorobutirico</i>	FL. 2914	50 ml	96,—	81,60	76,80	72,—
A 8/21A2							
C 8 1780 2	CF ₃ (CF ₂) ₂ COOH C ₄ HF ₇ O ₂ M = 214,04 g/mol 1 L ≈ 1,65 kg assay (alkalimetric) 98% boiling range 118—120 °C						
61444	Perfluorobutyric anhydride PROSYNTH® <i>Anhydride perfluorobutyrique / Anhidrido perfluorobutirico</i>	FL. 2914	10 ml	58,—	49,30	46,40	43,—
A 8/21							
C 8 1780 2	(CF ₃ CF ₂ CF ₂ CO) ₂ O C ₈ F ₁₄ O ₃ M = 410,06 g/mol 1 L ≈ 1,67 kg assay (alkalimetric) 99% boiling range 109—111 °C						
61292	Perfluorobutyryl chloride PROSYNTH® <i>Perfluorobutyryle chlorure / Perfluorobutirilo cloruro</i>	FL. 2914	10 ml	62,50	53,15	50,—	46,—
A 8/22							
C 8 1780 2	CF ₃ CF ₂ CF ₂ COCl C ₄ ClF ₇ O M = 232,49 g/mol 1 L ≈ 1,55 kg assay (ex Cl) 98% boiling range 37—39 °C refractive index (n _D ²⁵) 1,288						
61448	Perfluorodecahydronaphthalene PROSYNTH® mixture of <i>cis- and trans-isomers</i> <i>Perfluorodécahydronaphtalène /</i> <i>Perfluorodecahidronaftaleno</i>	FL. 2902	10 ml	23,50	20,—	18,80	17,—
A 3/4							
+72 °C							
	C ₁₀ F ₁₈ M = 462,08 g/mol 1 L ≈ 1,94 kg assay (GC) 95% boiling range 142—146 °C refractive index (n _D ²⁰) 1,341						
61156	1H-Perfluorodecane PROSYNTH® <i>1H-Perfluorodécane / 1H-Perfluorodecano</i>	WG. 2902	25 g	71,50	60,80	57,20	53,—
A 6.1/23							
C 6.1 2811 2	CF ₃ (CF ₂) ₈ CHF ₂ C ₁₀ HF ₂₁ M = 520,08 g/mol assay (GC) 98% melting range 31—33 °C						
61022	1H,1H,2H,2H-Perfluorodecanol PROSYNTH® <i>1H-1H-2H-2H-Perfluorodécanol /</i> <i>1H,1H,2H,2H-Perfluorodecanol</i>	WG. 2904	25 g	81,50	69,30	65,20	61,—
A 6.1/23							
C 6.1 2811 2	CF ₃ (CF ₂) ₇ CH ₂ CH ₂ OH C ₁₀ H ₅ F ₁₇ O M = 464,12 g/mol assay (GC) 95% boiling range (at 20 mbar) 97—99 °C						
61016	1H,1H,2H-Perfluorodecene-(1) PROSYNTH® <i>1H-1H-2H-Perfluorodécène-(1) /</i> <i>1H,1H,2H-Perfluorodeceno-(1)</i>	FL. 2902	25 ml	137,50	116,90	110,—	103,—
A 6.1/23							
C 6.1 2810 2	CF ₃ (CF ₂) ₇ CH = CH ₂ C ₁₀ H ₃ F ₁₇ M = 446,11 g/mol 1 L ≈ 1,67 kg assay (GC) 98% boiling range (at 973 mbar) 146—149 °C refractive index (n _D ²⁰) 1,300						
61136	(Perfluorodecyl)-acetyl chloride PROSYNTH® <i>(Perfluorodécyl)-acétyle chlorure / (Perfluorodecil)-acetilo</i> <i>cloruro</i>	WG. 2914	25 g	86,50	73,55	69,20	64,—
A 8/22							
C 8 1759 2	CF ₃ (CF ₂) ₉ CH ₂ COCl C ₁₂ H ₂ ClF ₂₁ O M = 596,57 g/mol assay (ex Cl) 95% melting range 69—72 °C						
61127	Perfluorodecyl bromide PROSYNTH® <i>Perfluorodécyle bromure / Perfluorodecilo bromuro</i>	WG. 2902	25 g	438,—	372,30	350,40	328,—
A 6.1/23							
C 6.1 2811 2	CF ₃ (CF ₂) ₉ Br C ₁₀ BrF ₂₁ M = 598,98 g/mol assay (GC) 90% melting range 50—53 °C						

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004	Perfluorodecyl iodide PROSYNTH® 6.1/23 <i>Perfluorodécyle iodure / Perfluorodecilo yoduro</i> 6.1 2811 2 <chem>CF3(CF2)9J</chem> <chem>C10F21J</chem> $M = 645,98 \text{ g/mol}$ assay (GC) 97% (traces of free iodine)	WG. 2902	25 g	71,50	60,80	57,20	53,65
1008	1H,1H,2H,2H-Perfluorodecyl iodide PROSYNTH® 6.1/23 <i>1H-1H-2H-2H-Perfluorodécyle iodure /</i> 6.1 2811 2 <i>1H,1H,2H,2H-Perfluorodecilo yoduro</i> <chem>CF3(CF2)7CH2CH2J</chem> <chem>C10H4F17J</chem> $M = 574,02 \text{ g/mol}$ assay (GC) 95% boiling range 178–180°C refractive index (n_D^{20}) 1,360	WG. 2902	25 g	71,—	60,35	56,80	53,25
1023	1H,1H,2H,2H-Perfluorododecanol PROSYNTH® 6.1/23 <i>1H-1H-2H-2H-Perfluorododécanol /</i> 6.1 2811 2 <i>1H,1H,2H,2H-Perfluorododecanol</i> <chem>CF3(CF2)9CH2CH2OH</chem> <chem>C12H5F21O</chem> $M = 564,14 \text{ g/mol}$ assay (GC) 95% boiling range (at 13 mbar) 110–112°C	WG. 2904	25 g	81,50	69,30	65,20	61,15
61005	Perfluorododecyl iodide PROSYNTH® 6.1/62 <i>Perfluorododécyle iodure / Perfluorododecilo yoduro</i> 6.1 2811 2 <chem>CF3(CF2)11J</chem> <chem>C12F25J</chem> $M = 746,00 \text{ g/mol}$ assay (GC) 95% (traces of free iodine)	WG. 2902	25 g	71,50	60,80	57,20	53,65
61009	1H,1H,2H,2H-Perfluorododecyl iodide PROSYNTH® 6.1/23 <i>1H-1H-2H-2H-Perfluorododécyle iodure /</i> 6.1 2811 2 <i>1H,1H,2H,2H-Perfluorododecilo yoduro</i> <chem>CF3(CF2)9CH2CH2J</chem> <chem>C12H4F21J</chem> $M = 674,03 \text{ g/mol}$ assay (GC) 95%	WG. 2902	25 g	71,50	60,80	57,20	53,65
61392	Perfluoroethyl iodide PROSYNTH® 6.1/23 <i>Perfluoroéthyle iodure / Perfluoroetilo yoduro</i> 6.1 1615 3 <chem>CF3CF2J</chem> <chem>C2F5J</chem> $M = 245,92 \text{ g/mol}$ assay (GC) 98% boiling point 10°C  R: 23/24/25 S: 44 disposal: 13	A. 2902	100 g	214,—	181,90	171,20	160,50
61390	1H,1H-Perfluoroethyl iodide PROSYNTH® 6.1/23 <i>1H-1H-Perfluoroéthyle iodure / 1H,1H-Perfluoroetilo yoduro</i> 6.1 2810 2 <chem>CF3CH2J</chem> <chem>C2H2F3J</chem> $M = 209,94 \text{ g/mol}$ 1 L ≈ 2,20 kg assay (GC) 98% boiling range 54–56°C refractive index (n_D^{20}) 1,401  R: 23/24/25 S: 44 disposal: 13	FL. 2902	25 ml	262,—	222,70	209,60	196,50
61141	(2H-Perfluoroethyl)-propen-(2)-ylether PROSYNTH® 6.1/62 <i>(2H-Perfluoroéthyl)-propène-(2)-yléther / (2H-Perfluoroetil)-</i> 6.1 2810 3 <i>propen-(2)-ileter</i> <chem>CH2=CHCH2OCHFCF3</chem> <chem>C5H6F4O</chem> $M = 158,10 \text{ g/mol}$ 1 L ≈ 1,20 kg assay (GC) 98% boiling range 76–78°C	FL. 2908	25 ml	26,25	22,30	21,—	19,70

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		FL.	1 g	21,50	18,30	17,20	16,1
61447	Perfluoroglutaric acid PROSYNTH® <i>Acide perfluoroglutarique / Acido perfluoroglutarico</i> HOOC(CF ₂) ₃ COOH C ₅ H ₂ F ₆ O ₄ M = 240,06 g/mol assay (alkalimetric) 95% melting range 88–91 °C	2915					
61033	Perfluoroheptanoic acid PROSYNTH® <i>Acide perfluoroheptanoïque / Acido perfluoroheptanoico</i> CF ₃ (CF ₂) ₅ COOH C ₇ H ₂ F ₁₃ O ₂ M = 364,06 g/mol 1 L ≈ 1,79 kg assay (GC) 95% boiling range (at 19 mbar) 78–80 °C	2914	25 ml	82,50	70,15	66,—	61,9
61019	1H,1H-Perfluoroheptanol PROSYNTH® <i>1H-1H-Perfluoroheptanol / 1H,1H-Perfluoroheptanol</i> CF ₃ (CF ₂) ₅ CH ₂ OH C ₇ H ₃ F ₁₃ O M = 350,08 g/mol 1 L ≈ 1,75 kg assay (GC) 96% boiling range (at 133 mbar) 94–96 °C	2904	25 ml	119,—	101,15	95,20	89,2
61449	Perfluorohexane mixture of isomers PROSYNTH® <i>Perfluorohexane / Perfluorohexano</i> CF ₃ (CF ₂) ₄ CF ₃ C ₈ F ₁₄ M = 338,04 g/mol 1 L ≈ 1,68 kg assay (GC) 99% boiling range 54–58 °C	2902	10 ml	27,75	23,60	22,20	20,8
61154	1H-Perfluorohexane PROSYNTH® <i>1H-Perfluorohexane / 1H-Perfluorohexano</i> CF ₃ (CF ₂) ₄ CHF ₂ C ₈ H ₂ F ₁₃ M = 320,05 g/mol 1 L ≈ 1,68 kg assay (GC) 98% boiling range (at 973 mbar) 68–70 °C	2902	25 ml	120,—	102,—	96,—	90,—
61129	Perfluorohexanesulphenyl chloride PROSYNTH® <i>Perfluorohexanesulfényle chlorure /</i> <i>Perfluorohexanosulfenilo cloruro</i> CF ₃ (CF ₂) ₅ SCI C ₈ ClF ₁₃ S M = 386,56 g/mol 1 L ≈ 1,76 kg assay (GC) 98% boiling range 124–126 °C	2903	10 ml	55,50	47,20	44,40	41,6
61039	Perfluorohexanesulphonic acid potassium salt PROSYNTH® <i>Acide perfluorohexanesulfonique sel potassique / Acido</i> <i>perfluorohexanosulfónico sal potásica</i> CF ₃ (CF ₂) ₅ SO ₃ K C ₈ F ₁₃ KO ₃ S M = 438,21 g/mol assay 98%	2903	25 g	54,—	45,90	43,20	40,5
61038	Perfluorohexanesulphonic acid solution 50% in water PROSYNTH® <i>Acide perfluorohexanesulfonique en solution / Acido</i> <i>perfluorohexanosulfónico en solución</i> CF ₃ (CF ₂) ₅ SO ₃ H C ₈ H ₂ F ₁₃ O ₃ S M = 400,12 g/mol 1 L ≈ 1,32 kg assay (alkalimetric) 50%	2903	25 ml	40,75	34,65	32,60	30,5
61018	1H,1H,2H,2H-Perfluorohexanol PROSYNTH® <i>1H-1H-2H-2H-Perfluorohexanol / 1H,1H,2H,2H-</i> <i>Perfluorohexanol</i> CF ₃ (CF ₂) ₃ CH ₂ CH ₂ OH C ₈ H ₅ F ₉ O M = 284,09 g/mol 1 L ≈ 1,59 kg assay (GC) 95% boiling range (at 973 mbar) 140–143 °C refractive index (n _D ²⁰) 1,319	2904	25 ml	129,—	109,65	103,20	96,7

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34	(Perfluorohexyl)-acetyl chloride PROSYNTH® (Perfluorohexyl)-acétyle chlorure / (Perfluorohexil)-acetilo cloruro <chem>CF3(CF2)5CH2COCl</chem> <chem>C8H2ClF13O</chem> M = 396,54 g/mol 1 L ≈ 1,73 kg assay (ex Cl) 95% boiling range (at 16 mbar) 58–60 °C	FL. 2914	25 ml	147,50	125,40	118,—	110,65
26	Perfluorohexyl bromide PROSYNTH® Perfluorohexyle bromure / Perfluorohexilo bromuro <chem>CF3(CF2)5Br</chem> <chem>C6BrF13</chem> M = 398,95 g/mol 1 L ≈ 1,72 kg assay (GC) 97% assay of perfluorohexyl iodide (GC) 1% boiling range 99–101 °C (traces of free iodine)	FL. 2902	10 ml	350,—	297,50	280,—	262,50
	 R: 23/24/25 S: 44 disposal: 9						
130	Perfluorohexyl chloride PROSYNTH® Perfluorohexyle chlorure / Perfluorohexilo cloruro <chem>CF3(CF2)5Cl</chem> <chem>C6ClF13</chem> M = 354,50 g/mol 1 L ≈ 1,71 kg assay (GC) 98% boiling range 84–86 °C	FL. 2902	25 ml	122,50	104,15	98,—	91,90
002	Perfluorohexyl iodide PROSYNTH® Perfluorohexyle iodure / Perfluorohexilo yoduro <chem>CF3(CF2)5I</chem> <chem>C6F13I</chem> M = 445,95 g/mol 1 L ≈ 2,02 kg assay (GC) 97% boiling range 115–117 °C refractive index (n _D ²⁰) 1,328 (traces of free iodine)	FL. 2902	25 ml	137,50	116,90	110,—	103,15
	 R: 23/24/25 S: 44 disposal: 9						
1006	1H,1H,2H,2H-Perfluorohexyl iodide PROSYNTH® 1H-1H-2H-2H-Perfluorohexyle iodure / 1H,1H,2H,2H-Perfluorohexilo yoduro <chem>CF3(CF2)3CH2CH2I</chem> <chem>C6H4F9I</chem> M = 373,99 g/mol 1 L ≈ 1,94 kg assay (GC) 95% boiling range 138–140 °C	FL. 2902	25 ml	131,—	111,35	104,80	98,25
	 R: 23/24/25 S: 44 disposal: 9						
1042	1H,1H,2H,2H-Perfluorohexyl nitrate PROSYNTH® 1H-1H-2H-2H-Perfluorohexyle nitrate / 1H,1H,2H,2H-Perfluorohexilo nitrato <chem>CF3(CF2)3CH2CH2ONO2</chem> <chem>C6H4F9NO3</chem> M = 309,09 g/mol 1 L ≈ 1,64 kg assay 98%	FL. 2921	25 ml	131,—	111,35	104,80	98,25
	 R: 23/24/25 S: 44 disposal: 9						
1132	1H,1H,1H,2H,3H,3H-Perfluoro-2-iodononane PROSYNTH® 1H-1H-1H-2H-3H-3H-Perfluoro-2-iodononane / 1H,1H,1H,2H,3H,3H-Perfluoro-2-yodononano <chem>CF3(CF2)5CH2CH2CH2I</chem> <chem>C9H6F13I</chem> M = 488,03 g/mol 1 L ≈ 1,86 kg assay (GC) 95% boiling range (at 200 mbar) 129–131 °C	FL. 2902	25 ml	102,50	87,15	82,—	76,90

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61442	Perfluoromethylcyclohexane PROSYNTH® <i>Perfluorométhylcyclohexane / Perfluorometilciclohexano</i>	FL. 2902	5 g	24,75	21,05	19,80	18,
	C_7F_{14} $M = 350,06$ g/mol assay (GC) 93% boiling range 73–76 °C refractive index (n_D^{17}) 1,285						
61036	Perfluorononanoic acid PROSYNTH® <i>Acide perfluorononaoïque / Acido perfluorononanóico</i>	WG. 2914	25 g	54,—	45,90	43,20	40
A 6.1/23							
C 6.1 2811 2	$CF_3(CF_2)_7COOH$ $C_9HF_{17}O_2$ $M = 464,08$ g/mol assay (alkalimetric) 95% melting range 65–68 °C						
61026	1H,1H,2H,3H,3H-Perfluorononylene oxide-(1,2) PROSYNTH® <i>1H-1H-2H-3H-3H-Perfluorononylène oxyde-(1-2) /</i> <i>1H,1H,2H,3H,3H-Perfluorononileno óxido-(1,2)</i>	FL. 2909	25 ml	188,—	159,80	150,40	141
A 6.1/23							
C 6.1 2810 2	$CF_3(CF_2)_5CH_2CH_2O$ $C_9H_5F_{13}O$ $M = 376,12$ g/mol $1\text{ L} \approx 1,65$ kg assay 95% boiling range (at 20 mbar) 53–55 °C refractive index (n_D^{20}) 1,316						
61155	1H-Perfluorooctane PROSYNTH® <i>1H-Perfluorooctane / 1H-Perfluorooctano</i>	FL. 2902	25 ml	125,—	106,25	100,—	93
A 6.1/23							
C 6.1 2810 2	$CF_3(CF_2)_6CHF_2$ C_8HF_{17} $M = 420,07$ g/mol $1\text{ L} \approx 1,77$ kg assay (GC) 98% boiling range (at 973 mbar) 110–112 °C						
61041	Perfluorooctanesulphonic acid potassium salt PROSYNTH® <i>Acide perfluorooctanesulfonique sel potassique / Acido</i> <i>perfluorooctanosulfónico sal potásica</i>	WG. 2903	25 g	54,—	45,90	43,20	40
A 6.1/23							
C 6.1 2811 2	$CF_3(CF_2)_7SO_3K$ $C_8F_{17}KO_3S$ $M = 538,22$ g/mol assay 98%						
61040	Perfluorooctanesulphonic acid solution 50%, PROSYNTH® <i>Acide perfluorooctanesulfonique en solution / Acido</i> <i>perfluorooctanosulfónico en solución</i>	FL. 2903	25 ml	40,75	34,65	32,60	30
A 6.1/23							
C 6.1 2810 2	$CF_3(CF_2)_7SO_3H$ $C_8HF_{17}O_3S$ $M = 500,13$ g/mol $1\text{ L} \approx 1,10$ kg assay (alkalimetric) 50%						
61035	Perfluorooctanoic acid PROSYNTH® <i>Acide perfluorooctanoïque / Acido perfluorooctanóico</i>	WG. 2914	25 g	78,—	66,30	62,40	58
A 6.1/23							
C 6.1 2811 2	$CF_3(CF_2)_6COOH$ $C_8HF_{15}O_2$ $M = 414,07$ g/mol assay (alkalimetric) 95% melting range 50–52 °C						
61020	1H,1H-Perfluorooctanol PROSYNTH® <i>1H-1H-Perfluorooctanol / 1H,1H-Perfluorooctanol</i>	WG. 2904	25 g	71,50	60,80	57,20	53
A 6.1/23							
C 6.1 2811 2	$CF_3(CF_2)_6CH_2OH$ $C_8H_3F_{15}O$ $M = 400,09$ g/mol assay 96%						
61021	1H,1H,2H,2H-Perfluorooctanol PROSYNTH® <i>1H-1H-2H-2H-Perfluorooctanol /</i> <i>1H,1H,2H,2H-Perfluorooctanol</i>	FL. 2904	25 ml	136,50	116,05	109,20	102
A 6.1/23							
C 6.1 2810 2	$CF_3(CF_2)_5CH_2CH_2OH$ $C_8H_5F_{13}O$ $M = 364,11$ g/mol $1\text{ L} \approx 1,69$ kg assay (GC) 95% boiling range (at 47 mbar) 91–93 °C refractive index (n_D^{20}) 1,313						

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137	Perfluorooctanoyl chloride PROSYNTH® <i>Perfluorooctanoyle chlorure / Perfluorooctanoilo cloruro</i>	FL. 2914	25 ml	86,50	73,55	69,20	64,90
6.1/23 C 1760 2	CF ₃ (CF ₂) ₆ COCl C ₈ ClF ₁₅ O M = 432,52 g/mol 1 L ≈ 1,75 kg assay (ex Cl) 98% boiling range 132–135 °C						
1015	1H,1H,2H-Perfluorooctene-(1) PROSYNTH® <i>1H-1H-2H-Perfluorooctène-(1) / 1H,1H,2H-Perfluoroocteno-(1)</i>	FL. 2902	25 ml	125,50	106,70	100,40	94,15
6.1/23 C 12810 2	CF ₃ (CF ₂) ₅ CH = CH ₂ C ₈ H ₃ F ₁₃ M = 346,09 g/mol 1 L ≈ 1,58 kg assay (GC) 98% boiling range 102–104 °C						
1135	(Perfluorooctyl)-acetyl chloride PROSYNTH® <i>(Perfluorooctyl)-acétyle chlorure / (Perfluorooctil)-acetilo cloruro</i>	WG. 2914	25 g	86,50	73,55	69,20	64,90
6.1/23 C 1759 2	CF ₃ (CF ₂) ₇ CH ₂ COCl C ₁₀ H ₂ ClF ₁₇ O M = 496,55 g/mol 1 L ≈ 1,77 kg assay (ex Cl) 95% boiling range (at 15 mbar) 80–82 °C						
1125	Perfluorooctyl bromide PROSYNTH® <i>Perfluorooctyle bromure / Perfluorooctilo bromuro</i>	FL. 2902	10 ml	56,50	48,05	45,20	42,40
6.1/23 C 12810 2	CF ₃ (CF ₂) ₇ Br C ₈ BrF ₁₇ M = 498,96 g/mol 1 L ≈ 1,93 kg assay (GC) 95% boiling range 131–133 °C						
1003	Perfluorooctyl iodide PROSYNTH® <i>Perfluorooctyle iodure / Perfluorooctilo yoduro</i>	FL. 2902	25 ml	122,50	104,15	98,—	91,90
6.1/23 C 12810 2	CF ₃ (CF ₂) ₇ I C ₈ F ₁₇ I M = 545,97 g/mol 1 L ≈ 2,02 kg assay (GC) 97% boiling range 158–160 °C (traces of free iodine)						
1007	1H,1H,2H,2H-Perfluorooctyl iodide PROSYNTH® <i>1H-1H-2H-2H-Perfluorooctyle iodure / 1H,1H,2H,2H-Perfluorooctilo yoduro</i>	FL. 2902	25 ml	123,50	105,—	98,80	92,65
6.1/23 C 12810 2	CF ₃ (CF ₂) ₅ CH ₂ CH ₂ I C ₈ H ₄ F ₁₃ I M = 474,00 g/mol 1 L ≈ 1,94 kg assay (GC) 95% boiling range 178–180 °C refractive index (n _D ²⁰) 1,360						
1140	Perfluoropropene PROSYNTH® <i>Perfluoropropène / Perfluoropropeno</i> steel bottle of 500 g	2902	1 pack	price on request			
	CF ₃ CF = CF ₂ C ₃ F ₆ M = 150,02 g/mol						
1150	Perfluoropropene dimer, mixture of isomers PROSYNTH® <i>(Perfluorohexene mixture of isomers) Perfluoropropène / Perfluoropropeno</i>	FL. 2902	100 ml	143,—	121,55	114,40	107,25
6.1/12 C 12810 2	(C ₃ F ₆) ₂ C ₆ F ₁₂ M = 300,05 g/mol 1 L ≈ 1,62 kg assay (GC) 95% boiling range 48–50 °C						
	 R: 20-37 S: 41 disposal: 23						

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61151 Perfluoropropene trimer, mixture of isomers PROSYNTH® (Perfluorononene mixture of isomers) <i>Perfluoropropène / Perfluoropropeno</i> $(C_3F_6)_3$ C_9F_{18} $M = 450,07$ g/mol $1\text{ L} \approx 1,83$ kg assay (GC) 95% boiling range 110–115 °C  R: 20-37 S: 41 disposal: 23	FL. 2902	100 ml	161,—	136,85	128,80	120
61452 Perfluoropropionic anhydride PROSYNTH® <i>Anhydride perfluoropropionique / Anhidrido perfluoropropiónico</i> $(CF_3CF_2CO)_2O$ $C_8F_{10}O_3$ $M = 310,05$ g/mol $1\text{ L} \approx 1,59$ kg assay (alkalimetric) 97% boiling range 70–72 °C refractive index (n_D^{20}) 1,273	FL. 2914	5 ml	37,25	31,65	29,80	27,
61355 Perfluoro-<i>n</i>-propyl iodide PROSYNTH® <i>Perfluoro-<i>n</i>-propyle iodure / Perfluoro-<i>n</i>-propilo yoduro</i> $CF_3CF_2CF_2J$ C_3F_7J $M = 295,93$ g/mol $1\text{ L} \approx 2,06$ kg assay (GC) 99% boiling range 39–41 °C refractive index (n_D^{20}) 1,327	FL. 2902	5 ml	84,50	71,85	67,60	63,
61118 Perfluoro-<i>iso</i>-propyl iodide PROSYNTH® <i>Perfluoro-<i>iso</i>-propyle iodure / Perfluoro-<i>iso</i>-propilo yoduro</i> $CF_3CF(CF_3)J$ C_3F_7J $M = 295,93$ g/mol $1\text{ L} \approx 2,09$ kg assay (GC) 98% boiling range 37–39 °C refractive index (n_D^{20}) 1,328 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2902	25 ml	125,50	106,70	100,40	94,
61142 (2<i>H</i>-Perfluoropropyl)-propen-(2)-ylether PROSYNTH® <i>(2<i>H</i>-Perfluoropropyl)-propène-(2)-yléther / (2<i>H</i>-Perfluoropropil)-propen-(2)-ileter</i> $CH_2=CHCH_2OCF_2CH_2CF_3$ $C_6H_8F_6O$ $M = 208,10$ g/mol $1\text{ L} \approx 1,29$ kg assay (GC) 95% boiling range 87–89 °C	FL. 2908	25 ml	29,—	24,65	23,20	21,
61380 Perfluorosuccinic acid PROSYNTH® <i>Acide perfluorosuccinique / Acido perfluorosuccínico</i> $HOOCF_2CF_2COOH$ $C_4H_2F_4O_4$ $M = 190,05$ g/mol assay (alkalimetric) 92% melting range 111–114 °C	FL. 2915	1 g	60,50	51,45	48,40	45,4
61010 1<i>H</i>,1<i>H</i>,2<i>H</i>,2<i>H</i>-Perfluorotetradecyl iodide PROSYNTH® <i>1<i>H</i>,1<i>H</i>,2<i>H</i>,2<i>H</i>-Perfluorotétradécyle iodure / 1<i>H</i>,1<i>H</i>,2<i>H</i>,2<i>H</i>-Perfluorotetradecilo yoduro</i> $CF_3(CF_2)_{11}CH_2CH_2J$ $C_{14}H_4F_{28}J$ $M = 774,05$ g/mol assay (GC) 95%	WG. 2902	25 g	71,50	60,80	57,20	53,6
61353 Perfluorotributylamine PROSYNTH® <i>Perfluorotributylamine / Perfluorotributilamina</i> $N(CF_3CF_2CF_2CF_3)_3$ $C_{12}F_{27}N$ $M = 671,10$ g/mol assay (GC) 95% boiling range 177–179 °C refractive index (n_D^{20}) 1,28	FL. 2922	10 g	25,75	21,90	20,60	19,3

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
325	ortho-Periodic acid R. G. <i>Acide ortho-periodique / Acido orto-peryódico</i> H_5JO_6 $M = 227,94$ g/mol assay min. 99,5% insoluble in water max. 0,005% residue on ignition max. 0,2% foreign halogens (as Cl) max. 0,01% iodine (I) max. 0,001% sulphate (SO ₄) max. 0,01%	WG. WG. WG. 2813	10 g 25 g 100 g	8,75 16,— 48,25	7,45 13,60 41,—	7,— 12,80 38,60	6,55 12,— 36,20
304	ortho-Periodic acid cryst. <i>Acide ortho-periodique / Acido orto-peryódico</i> H_5JO_6 $M = 227,94$ g/mol assay 99,5%	WG. WG. FT. 2813	25 g 100 g 25 kg	12,75 39,25 price on request	10,85 33,35 price on request	10,20 31,40 price on request	9,55 29,45 price on request
	PERMUTIT® see Ion exchangers Peroxybenzoic acid see Benzoyl peroxide						
366	Perthane min. 99% PESTANAL® (1,1-Dichloro-2,2-bis-[4-ethylphenyl]-ethane) $Cl_2CHCH(C_6H_4CH_2CH_3)_2$ $C_{18}H_{20}Cl_2$ $M = 307,26$ g/mol	FL. 2902	1 g	56,50	48,05	45,20	42,40
08	Peru balsam artificial, in the constants B. P. 1948 <i>Baume du Pérou / Bálsamo de Perú</i>	EKL. 3304	35 kg	price on request			
12	Peru balsam artificial, special <i>Baume du Pérou / Bálsamo de Perú</i>	EKL. 3304	30 kg	price on request			
07	Perylene PROSYNTH® <i>Pérylène / Perileno</i> $C_{20}H_{12}$ $M = 252,31$ g/mol assay (HPLC) 99% melting range 276—279 °C	FL. 2901	1 g	22,—	18,70	17,60	16,50
	Petrolatum see Paraffin viscid						
33	★ Petroleum ether (ligroine) boiling range abt. 90—100° C <i>Ether de pétrole / Eter de petróleo</i> 1115 2 $1\text{ L} \approx 0,71$ kg boiling range 90—100 °C density (D ₄ ²⁰) 0,705—0,707 non-volatile matter 0,005%	FL. FL. EKL. EKL. F. 2710	1 L 2,5 L 30 L 5x 200 L	14,50 31,50 L L price on request	12,35 26,15 3,40 3,15 price on request	11,60 24,55 L L price on request	11,15 23,65 L L price on request
	 R: 11 S: 9-16-29-33 disposal: 6						
38	★ Petroleum ether FAM-Benzine standard (DIN 51635 and 51557), boiling range 65—95° C <i>Ether de pétrole / Eter de petróleo</i> 1115 2 $1\text{ L} \approx 0,70$ kg boiling range (DIN 51751) 65—95 °C density at 15 °C (DIN 51757/5) 0,690—0,705 non-volatile matter (DIN 51776) 2 mg/100 ml aniline point (DIN 51775) 59—61 °C aromatic substance 0,2—2,0% doctor test (DIN 51765) negative corrosion effect to copper copper strips test (DIN 51759, 3 h, 50 °C) ... negative precipitating power for hard asphalt as per suitability test according to DIN 51635 arc DIN 51557 corresponding	FL. FL. EKL. EKL. 2710	1 L 2,5 L 30 L 5x	20,50 43,50 L L	17,45 36,10 6,30 5,80	16,40 33,95 L L	15,80 32,65 L L
	 R: 11 S: 9-16-29-33 disposal: 6						

Code Number
A) RID ADR
B) GGV E-GGV S
C) IMDG CODE (GGV See)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)

32248 ★ Petroleum ether R. G. boiling range 60–80 °C
A 3/1A Ether de pétrole / Eter de petróleo

C 3.1 1115 2 1 L ≈ 0,67 kg
-20 °C boiling range 60–80 °C
density (D₄²⁰) 0,665–0,675
non-volatile matter max. 0,001 %



R: 11 S: 9-16-29-33
disposal: 5

24553 ★ Petroleum ether boiling range 60–70 °C
A 3/1A Ether de pétrole / Eter de petróleo

C 3.1 1268 2 1 L ≈ 0,67 kg
-20 °C boiling range 60–70 °C
density (D₄²⁰) 0,665–0,667
refractive index (n_D²⁰) 1,3760–1,3780
non-volatile matter 0,002 %



R: 11 S: 9-16-29-33
disposal: 5

32247 ★ Petroleum ether R. G., Reag. Ph. Eur. I (petroleum benzine)
A 3/1A boiling range 50–70 °C

C 3.1 1115 2 Ether de pétrole / Eter de petróleo
-20 °C 1 L ≈ 0,66 kg
boiling range 50–70 °C
density (D₄²⁰) 0,655–0,665
non-volatile matter max. 0,001 %
water (according to Karl Fischer) max. 0,02 %



R: 11 S: 9-16-29-33
disposal: 5

24557 ★ Petroleum ether DAB 6 (petroleum benzine) boiling range
A 3/1A 50–70 °C

C 3.1 1115 2 Ether de pétrole / Eter de petróleo
-20 °C 1 L ≈ 0,66 kg
boiling range 50–70 °C
density (D₄²⁰) 0,655–0,665
non-volatile matter 0,001 %
water (according to Karl Fischer) 0,02 %



R: 11 S: 9-16-29-33
disposal: 5

34491 ★ Petroleum ether PESTANAL® boiling range 40–60 °C
A 3/1A Ether de pétrole / Eter de petróleo

C 3.1 1268 2 1 L ≈ 0,65 kg
-20 °C non-volatile matter max. 0,0005 %
water (according to Karl Fischer) max. 0,01 %
suitability for residue analysis:
Traceable accompanying substances (GC/ECD) (column
0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volume zones
between Pentachlorobenzene, α-HCH, Aldrin and DDT a
peak of < 5 · 10⁻¹⁰ % ± 5 ng/l.



R: 11 S: 9-16-29-33
disposal: 5

24541 ★ Petroleum ether pure, boiling range 40–60 °C
A 3/1A Ether de pétrole / Eter de petróleo

C 3.1 1268 2 1 L ≈ 0,65 kg
-20 °C boiling range 40–60 °C
density (D₄²⁰) 0,647–0,649
refractive index (n_D²⁰) 1,3670–1,3690
non-volatile matter 0,002 %



R: 11 S: 9-16-29-33
disposal: 5

FL.
FL.
EKL.
2710

1 L	22,—	18,70	17,60	16,9
2,5 L	47,75	39,65	37,25	35,8
30 L	L	9,—		

FL.
ALU.
EKL.
EKL.
EKL.
F.
2710

1 L	13,—	11,05	10,40	10,—
15 L	48,—	39,85	37,45	36,—
30 L	L	4,10		
5x	L	3,90		
10x	L	3,70		
200 L		price on request		

FL.
FL.
EKL.
2710

1 L	22,25	18,90	17,80	17,1
2,5 L	48,25	40,05	37,65	36,2
30 L	L	9,—		

FL.
FL.
EKL.
EKL.
EKL.
F.
2710





1 L	16,—	13,60	12,80	12,3
2,5 L	33,75	28,—	26,35	25,3
30 L	L	4,05		
5x	L	3,90		
10x	L	3,70		
200 L		price on request		

FL.
FL.
ALU.
2710

1 L	21,50	18,30	17,20	16,5
2 L	35,50	30,20	28,40	27,3
5 L	80,—	66,40	62,40	60,—

FL.
ALU.
EKL.
EKL.
EKL.
2710

1 L	13,25	11,25	10,60	10,2
15 L	49,25	40,90	38,40	36,9
30 L	L	4,80		
5x	L	4,50		
10x	L	4,25		

Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
587	★ Petroleum ether (wound benzine) boiling range abt. 40—60 °C DAB 8, Reag. Ph. Eur. I Ether de pétrole / Eter de petróleo 1 L ≈ 0,65 kg boiling range 40—60 °C density (D ₂₀ ²⁰) 0,642—0,656 non-volatile matter 0,001 %  R: 11 S: 9-16-29-33 disposal: 5	FL. ALU. EKL. EKL. EKL. F. 2710	1 L 5 L 30 L 5x 10x 200 L	16,75 60,50 L L L price on request	14,25 50,20 4,30 4,10 3,95	13,05 47,20	12,40 45,40
246	★ Petroleum ether R. G. boiling range 30—50 °C Ether de pétrole / Eter de petróleo 1 L ≈ 0,63 kg boiling range 30—50 °C density (D ₄ ²⁰) 0,627—0,630 refractive index (n _D ²⁰) 1,3600—1,3605 non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,05 %  R: 11 S: 9-16-29-33 disposal: 5	FL. ALU. EKL. 2710	1 L 5 L 30 L	21,75 90,— L 10,—	18,50 74,70	16,95 70,20	16,10 67,50
549	★ Petroleum ether boiling range 30—50 °C Ether de pétrole / Eter de petróleo 1 L ≈ 0,63 kg boiling range 30—50 °C density (D ₄ ²⁰) 0,627—0,630 refractive index (n _D ²⁰) 1,3600—1,3605 non-volatile matter 0,002 %  R: 11 S: 9-16-29-33 disposal: 5	FL. ALU. EKL. EKL. EKL. 2710	1 L 5 L 30 L 5x 10x	15,50 57,50 L L L 4,05	13,20 47,75 4,50 4,25	12,40 44,85	11,95 43,15
545	★ Petroleum ether boiling range up to abt. 40 °C Ether de pétrole / Eter de petróleo 1 L ≈ 0,63 kg boiling range 30—40 °C density (D ₄ ²⁰) 0,624—0,626 refractive index (n _D ²⁰) 1,3565—1,3580 non-volatile matter 0,002 %  R: 11 S: 9-16-29-33 disposal: 5	FL. ALU. EKL. EKL. EKL. 2710	1 L 5 L 30 L 5x 10x	17,75 71,50 L L L 5,50	15,10 59,35 6,15 5,75	14,20 55,75	13,65 53,65
824	Phenacetin cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX Phénacétine / Fenacetina CH ₃ CH ₂ OC ₆ H ₄ NHCOCH ₃ C ₁₀ H ₁₃ NO ₂ M = 179,22 g/mol assay (dried substance) 98—101 % melting range 134—137 °C	PF. PF. FTP. 2925	1 kg 5 kg 50 kg	29,50 110,50 price on request	25,10 91,70	23,60 86,20	22,70 82,90
625	Phenacetin powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX Phénacétine / Fenacetina CH ₃ CH ₂ OC ₆ H ₄ NHCOCH ₃ C ₁₀ H ₁₃ NO ₂ M = 179,22 g/mol assay (dried substance) 98—101 % melting range 134—137 °C	PF. PF. FTP. 2925	1 kg 5 kg 50 kg	32,25 113,— price on request	27,40 93,80	25,80 88,15	24,85 84,75
960	Phenanthrene PROSYNTH® Phénanthrène / Fenantreno C ₆ H ₄ CH=CHC ₆ H ₄ C ₁₄ H ₁₀ M = 178,23 g/mol assay (UV) 98 % melting range 97—99 °C log c/250,5 (isooctane) 4,812	PF. 2901	250 g	75,— 63,75 60,— 56,25			

Code Number
A) R.C. ACH
B) GSV/CGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

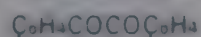
1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

62961 **Phenanthrenequinone-(9,10) PROSYNTH®**
Phenanthrenequinone-(9-10) / Fenantrenquinona-(9,10)



$M = 208,22 \text{ g/mol}$

assay (HPLC) 93%

melting range 206–208 °C

33510 **1,10-Phenanthroline R. G.**
1-10-Phénanthroline / 1,10-Fenantrolina

$\text{C}_{12}\text{H}_8\text{N}_2 \cdot \text{H}_2\text{O} \quad M = 198,22 \text{ g/mol}$

Phenanthrolin + iron sulphate see Ferroin solution

33515 **1,10-Phenanthroline chloride R. G., Reag. Ph. Eur. I**
1-10-Phénanthroline chlorhydrate / 1,10-Fenantrolinio cloruro

$\text{C}_{12}\text{H}_9\text{ClN}_2 \cdot \text{H}_2\text{O} \quad M = 234,69 \text{ g/mol}$

assay min. 99,5%

melting range 224–227 °C

loss on drying (105 °C) max. 8%

sulphated ash max. 0,2%

sensibility to iron passes test

62962 **Phenazine PROSYNTH®**
Phénazine / Fenacina



$\text{C}_{12}\text{H}_8\text{N}_2 \quad M = 180,21 \text{ g/mol}$

assay 98%

melting range 174–176 °C

62958 **Phenethylamine PROSYNTH®**
Phénéthylamine / Fenetilamina

A 9/35

C 8 1780 2



$\text{C}_8\text{H}_{11}\text{N} \quad M = 121,18 \text{ g/mol}$

1 L ≈ 0,96 kg

assay (GC) 98%

boiling range 197–200 °C

refractive index (n_D^{20}) 1,533

62959 **2-Phenethyl bromide PROSYNTH®**
2-Phénéthyle bromure / 2-Fenetilo bromuro

A 3/4

+96 °C



$\text{C}_8\text{H}_9\text{Br} \quad M = 185,07 \text{ g/mol}$

1 L ≈ 1,36 kg

assay (GC) 98%

62963 **o-Phenetidine PROSYNTH®**
o-Phénétidine / o-Fenetidina

A 6.1/210

C 6.1 2311 3



$\text{C}_8\text{H}_{11}\text{NO} \quad M = 137,18 \text{ g/mol}$

1 L ≈ 1,04 kg

assay (GC) 99%

boiling range 228–230 °C

refractive index (n_D^{20}) 1,555



R: 23/24/25-33 S: 28-36/37-45
disposal: 6

60245 **p-Phenetidine PROSYNTH®**
p-Phénétidine / p-Fenetidina

A 6.1/210

C 6.1 2311 3



$\text{C}_8\text{H}_{11}\text{NO} \quad M = 137,18 \text{ g/mol}$

1 L ≈ 1,07 kg

assay (GC) 99%

boiling range 250–254 °C

refractive index (n_D^{20}) 1,560



R: 23/24/25-33 S: 28-36/37-45
disposal: 6

WG.
2913

100 g 77,50 65,90 62,— 58,—

PF.
PF.
2935

5 g 17,50 14,90 14,— 13,—
25 g 67,50 57,40 54,— 50,—

WG.
WG.
2935

5 g 18,50 15,75 14,80 13,—
10 g 29,50 25,10 23,60 22,—

WG.
2935

10 g 87,50 74,40 70,— 65,—

FL.
2922

250 ml 22,— 18,70 17,60 16,—

FL.
2902





100 ml 13,25 11,25 10,60 9,—

FL.
2923

250 ml 21,50 18,30 17,20 16,—

FL.
2923

500 ml 32,25 27,40 25,80 24,—

e-Number D/ADR GVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
08	Phenetole PROSYNTH® <i>Phénétole / Fenetol</i>	FL. 2908	250 ml	17,50	14,90	14,—	13,15
1993 2	<chem>C6H5OC2H5</chem>						
°C	<chem>C6H10O</chem> $M = 122,17$ g/mol						
	1 L \approx 0,96 kg						
	assay (GC) 98%						
	boiling range 168—172 °C						
	refractive index (n_D^{20}) 1,505						
48	Phenmedipham min. 99% PESTANAL® [3-Methoxycarbonylamino-phenyl-N-(3'-methyl-phenyl)- carbamate] <chem>CH3OC(O)NHC6H4OC(O)NHC6H4CH3</chem> <chem>C16H16N2O4</chem> $M = 300,31$ g/mol	FL. 2921	1 g	28,25	24,—	22,60	21,20
17	Phenol R. G., Reag. ACS <i>Phénol / Fenol</i>	PF. 2906	250 g	16,50	14,05	13,20	12,40
1/13C	<chem>C6H5OH</chem>	PF.	500 g	27,75	23,60	22,20	21,35
1 1671 2	<chem>C6H6O</chem> $M = 94,11$ g/mol	PF.	1 kg	51,—	43,35	40,80	39,25
°C	assay (GC) min. 99,5%						
	congealing point min. 40 °C						
	boiling range 180—181 °C						
	non-volatile matter max. 0,01%						
	water (according to Karl Fischer) max. 0,2%						
	iron (Fe) max. 0,0001%						
	heavy metals (as Pb) max. 0,001%						
	chloride (Cl) max. 0,0005%						
	cresoles (GC) max. 0,25%						
	 R: 24/25-34 S: 2-28-44 disposal: 6						
16	Phenol chem. pure detached crystals DAB 8 <i>Phénol / Fenol</i>	PF. 2906	500 g	21,50	18,30	17,20	16,55
1/13C	<chem>C6H5OH</chem>	PF.	1 kg	39,—	33,15	31,20	30,05
1 1671 2	<chem>C6H6O</chem> $M = 94,11$ g/mol	BLT.	100 kg	kg	18,70		
°C	assay (GC) 99,5%	BLT.	5x	kg	17,35		
	boiling range 180—182 °C						
	non-volatile matter 0,03%						
	 R: 24/25-34 S: 2-28-44 disposal: 6						
17	Phenol chem. pure DAB 8 <i>Phénol / Fenol</i>	FL. 2906	1 kg	23,—	19,55	18,40	17,70
1/13C	<chem>C6H5OH</chem>	EKS.	40 kg	kg	7,35		
1 1671 2	<chem>C6H6O</chem> $M = 94,11$ g/mol	EKS.	5x	kg	6,90		
°C	assay (GC) 99,5%						
	boiling range 180—182 °C						
	non-volatile matter 0,03%						
	 R: 24/25-34 S: 2-28-44 disposal: 6						
18	Phenol liquefied DAB 7 <i>Phénol / Fenol</i>	FL. 2906	1 L	21,75	18,50	17,40	16,75
1/13C	<chem>C6H5OH</chem>	ALU.	5 L	81,—	67,25	63,20	60,75
1 1671 2	<chem>C6H6O</chem> $M = 94,11$ g/mol	STP.	30 kg	kg	6,90		
°C	assay 91%	STP.	5x	kg	6,60		
	density (D_4^{20}) 1,065—1,070						
	non-volatile matter 0,03%						
	 R: 24/25-34 S: 2-28-44 disposal: 6						
	Phenol crude see Cresol crude						
	Phenol monochloride see 2-Chlorophenol						
	Phenolpentachloride see Pentachlorophenol						

Code-Number
A) RID/ADR
B) GGV/AGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

33518 Phenolphthalein indicator, Reag. Ph. Eur. I
(C. I. No. 764 [1924], S. No. 879)
Phénolphthaléine / Fenolftaleína
O=COC6H4C(C6H4OH)2
C20H14O4 $M = 318,33 \text{ g/mol}$

PF.	100 g	15,—	12,75	12,—	11,2
PF.	250 g	30,—	25,50	24,—	22,5
PF.	1 kg	100,50	85,45	80,40	77,4
2935					

16019 Phenolphthalein chem. pure DAB 6
Phénolphthaléine / Fenolftaleína
O=COC6H4C(C6H4OH)2
C20H14O4 $M = 318,33 \text{ g/mol}$
melting range 255—260 °C
ash 0,1%
fluorane passes test

PF.	250 g	19,75	16,80	15,80	14,8
PF.	500 g	31,25	26,55	25,—	24,0
PF.	1 kg	57,50	48,90	46,—	44,3
FTP.	50 kg	kg	24,25		
2935					

Phenolphthalein paper see Indicator and reagent papers

34605 Phenolphthalein solution 2%, indicator
A 3/5 *Phénolphthaléine en solution / Fenolftaleína en solución*
C 3.2 1142 2 1 L ≈ 0,90 kg
21 °C

FL.	1 L	22,50	19,15	18,—	17,3
FL.	2,5 L	47,75	39,65	37,25	35,8
3819					



R: 11 S: 7-16
disposal: 6

34607 Phenolphthalein solution 1%, indicator
A 3/5 *Phénolphthaléine en solution / Fenolftaleína en solución*
C 3.2 1142 2 1 L ≈ 0,90 kg
+21 °C

FL.	500 ml	11,—	9,35	8,80	8,4
FL.	1 L	19,75	16,80	15,80	15,2
3819					



R: 11 S: 7-16
disposal: 6

34606 Phenolphthalein solution DIN 8106, indicator
A 3/5 *Phénolphthaléine en solution / Fenolftaleína en solución*
C 3.2 1142 2 1 L ≈ 0,80 kg
+21 °C

FL.	500 ml	11,25	9,55	9,—	8,6
FL.	1 L	19,—	16,15	15,20	14,6
3819					



R: 11-23/25 S: 2-7-16-24
disposal: 18

32661 Phenol red indicator, Reag. Ph. Eur. I
Rouge de phénol / Rojo de fenol
C6H4SO2OC(C6H4OH)2
C19H14O5S $M = 354,38 \text{ g/mol}$

WG.	10 g	15,—	12,75	12,—	11,2
WG.	25 g	32,75	27,85	26,20	24,5
WG.	100 g	111,—	94,35	88,80	83,2
2937					

32662 Phenol red water-soluble
Rouge de phénol / Rojo de fenol

WG.	5 g	14,50	12,35	11,60	10,9
WG.	10 g	25,25	21,45	20,20	18,9
3205					

Phenolsulphonphthalein see Phenol red

33908 Phenol violet indicator
Violet de phénol / Violeta de fenol

FL.	1 g	17,—	14,45	13,60	12,7
3205					

33915 Phenosafranin redox indicator (C. I. No. 50200, S. No. 958)
Phénosafranine / Fenosafranina
NH2C6H3N=C6H3NH2=N(Cl)C6H5
C18H15ClN4 $M = 322,80 \text{ g/mol}$

WG.	10 g	92,—	78,20	73,60	69,—
3205					

60247 Phenothiazine PROSYNTH®
Phénothiazine / Fenotiacina
C6H4SC6H4NH
C12H9NS $M = 199,28 \text{ g/mol}$
assay (HPLC) 99%
melting range 183—185 °C

PF.	250 g	16,50	14,05	13,20	12,4
2935					

64783 Phenoxyacetic acid PROSYNTH®
Acide phénoxyacétique / Acido fenoxiacético
C6H5OCH2COOH
C8H8O3 $M = 152,15 \text{ g/mol}$
assay (HPLC) 99%
melting range 98—100 °C

WG.	500 g	33,25	28,25	26,60	25,6
2916					


Number /ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
64	2-Phenoxybenzoic acid PROSYNTH® <i>Acide 2-phénoxybenzoïque / Acido 2-fenoxibenzóico</i> $C_6H_5OC_6H_4COOH$ $C_{13}H_{10}O_3$ $M = 214,22$ g/mol assay (HPLC) 99% melting range 111–113 °C	PF. 2916	100 g	70,50	59,95	56,40	52,90
48	2-Phenoxyethanol PROSYNTH® <i>2-Phénoxyéthanol / 2-Fenoxietanol</i> $C_6H_5OCH_2CH_2OH$ $C_8H_{10}O_2$ $M = 138,17$ g/mol $1\text{ L} \approx 1,11$ kg assay (GC) 99% boiling range 237–240 °C refractive index (n_D^{20}) 1,537	FL. EKL. 2908	500 ml 35 kg	21,50 price on request	18,30	17,20	16,55
710	2-Phenoxypropionic acid PROSYNTH® <i>Acide 2-phénoxypropionique / Acido 2-fenoxipropiónico</i> $CH_3CH(OC_6H_5)COOH$ $C_9H_{10}O_3$ $M = 166,18$ g/mol assay (HPLC) 99% melting range 112–115 °C	WG. 2916	250 g	32,75	27,85	26,20	24,55
711 22 1760 2	2-Phenoxypropionyl chloride PROSYNTH® <i>2-Phénoxypropionyle chlorure / 2-Fenoxipropionilo cloruro</i> $CH_3CH(OC_6H_5)COCl$ $C_9H_9ClO_2$ $M = 184,62$ g/mol $1\text{ L} \approx 1,18$ kg assay (ex Cl) 97% boiling range (at 13 mbar) 114–117 °C refractive index (n_D^{20}) 1,518	FL. 2916	100 ml	25,25	21,45	20,20	18,95
080	3-Phenoxypropyl bromide PROSYNTH® <i>3-Phénoxypropyle bromure / 3-Fenoxipropilo bromuro</i> $C_6H_5O(CH_2)_3Br$ $C_9H_{11}BrO$ $M = 215,09$ g/mol $1\text{ L} \approx 1,36$ kg assay (GC) 95% boiling range (at 19 mbar) 130–134 °C refractive index (n_D^{20}) 1,546	FL. 2908	5 ml	16,50	14,05	13,20	12,40
965 1/4 17 °C	Phenylacetaldehyde dimethyl acetal PROSYNTH® <i>Phénylacétaldéhyde diméthylacétal / Fenilacetaldéhido dimetilacetal</i> $C_6H_5CH_2CH(OCH_3)_2$ $C_{10}H_{14}O_2$ $M = 166,22$ g/mol $1\text{ L} \approx 1,01$ kg assay (GC) 99% boiling range (at 13 mbar) 95–98 °C refractive index (n_D^{20}) 1,494 <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 10px; display: flex; align-items: center; justify-content: center;">X</div> <div> R: 10-20/22 S: 2-24/25 disposal: 6 </div> </div>	FL. 2910	100 ml	29,25	24,85	23,40	21,95
081 3/4 37 °C	Phenylacetaldehyde solution 50% in benzyl alcohol PROSYNTH® <i>Phénylacétaldéhyde en solution / Fenilacetaldéhido en solución</i> $C_6H_5CH_2CHO$ C_8H_8O $M = 120,15$ g/mol $1\text{ L} \approx 1,08$ kg keep in refrigerator / à stocker dans le réfrigérateur almacenaje en la nevera N-Phenylacetamide see Acetanilide	FL. 2911	100 ml	12,75	10,85	10,20	9,55
3713 3/4 94 °C	Phenyl acetate PROSYNTH® <i>Phényle acétate / Fenilo acetato</i> $CH_3COOC_6H_5$ $C_8H_8O_2$ $M = 136,15$ g/mol $1\text{ L} \approx 1,08$ kg assay (GC) 99% boiling range 195–197 °C refractive index (n_D^{20}) 1,503	FL. 2914	100 ml	9,50	8,10	7,60	7,15


Code Number
A) Riedel-ADR
B) CEN/ISO
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

60254	Phenylacetic acid PROSYNTH® <i>Acide phénylacétique / Acido fenilacético</i> <chem>C6H5CH2COOH</chem> <chem>C6H8O2</chem> $M = 136,15$ g/mol assay (HPLC) 99% melting range $76 - 78^{\circ}\text{C}$	WG. WG. 2914	500 g 1 kg	29,50 54,50	25,10 46,35	23,60 43,60	22,7 41,9
	Phenylacetone see Benzyl methyl ketone						
	Phenylacetone nitrile see Benzyl cyanide						
64946	4-Phenylacetophenone PROSYNTH® <i>4-Phénylacétophénone / 4-Fenilacetofenona</i> <chem>C6H5C6H4COCH3</chem> <chem>C14H12O</chem> $M = 196,25$ g/mol assay (GC) 98% melting range $119 - 121^{\circ}\text{C}$	WG. 2913	50 g	30,75	26,15	24,60	23,0
62967	Phenylacetyl chloride PROSYNTH® <i>Phénylacétyle chlorure / Fenilacetilo cloruro</i> <chem>C6H5CH2COCl</chem> <chem>C6H7ClO</chem> $M = 154,60$ g/mol assay (ex Cl) 98% boiling range (at 13 mbar) $88 - 92^{\circ}\text{C}$ refractive index (n_D^{20}) 1,533	FL. 2914	100 ml	25,25	21,45	20,20	18,9
	 R: 34 S: 26 disposal: 21						
	3-Phenylacrylic acid see Cinnamic acid						
39030	D(+)-Phenylalanine BIOSYNTH® <i>D(+)-Phénylalanine / D(+)-Fenilalanina</i> <chem>C6H5CH2CH(NH2)COOH</chem> <chem>C9H11NO2</chem> $M = 165,19$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in H_2O) $+34^{\circ} \pm 1^{\circ}$	FL. 2923	1 g	13,—	11,05	10,40	9,7
39029	DL-Phenylalanine BIOSYNTH® <i>DL-Phénylalanine / DL-Fenilalanina</i> <chem>C6H5CH2CH(NH2)COOH</chem> <chem>C9H11NO2</chem> $M = 165,19$ g/mol assay (ex N) 99%	PF. 2923	25 g	19,25	16,35	15,40	14,—
39031	L(-)-Phenylalanine BIOSYNTH® <i>L(-)-Phénylalanine / L(-)-Fenilalanina</i> <chem>C6H5CH2CH(NH2)COOH</chem> <chem>C9H11NO2</chem> $M = 165,19$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in H_2O) $-34^{\circ} \pm 1^{\circ}$	WG. 2923	25 g	19,25	16,35	15,40	14,—
	Phenylamine see Aniline						
63187	D(-)-α-Phenylaminoacetic acid PROSYNTH® <i>Acide D(-)-α-phénylaminoacétique / Acido D(-)-α-fenilaminoacético</i> <chem>C6H5CH(NH2)COOH</chem> <chem>C8H9NO2</chem> $M = 151,16$ g/mol assay (ex N) 99% melting range $301 - 303^{\circ}\text{C}$ (disint.) spec. rotation ($[\alpha]_D^{20}$; c=2 in HCl 1 mol/l) $-158^{\circ} \pm 2^{\circ}$	PF. 2923	100 g	65,50	55,70	52,40	49,—
63188	DL-α-Phenylaminoacetic acid PROSYNTH® <i>Acide DL-α-phénylaminoacétique / Acido DL-α-fenilaminoacético</i> <chem>C6H5CH(NH2)COOH</chem> <chem>C8H9NO2</chem> $M = 151,16$ g/mol assay (ex N) 98%	WG. 2923	100 g	28,—	23,80	22,40	21,—
	N-Phenylanthranilic acid see Diphenylamine 2-carboxylic acid						

Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
520	Phenylarsonic acid R. G. 1/52A 1 1557 3 <chem>C6H5AsO(OH)2</chem> <chem>C6H7AsO3</chem> M = 202,04 g/mol assay min. 99,8% sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,001% suitability for precipitation of metals passes test  R: 23/25 S: 1/2-20/21-28-44 disposal: 10	WG. 2934	25 g	13,75	11,70	11,—	10,30
571	Phenyl benzoate PROSYNTH® Phényle benzoate / Fenilo benzoato <chem>C6H5COOC6H5</chem> <chem>C13H10O2</chem> M = 198,22 g/mol assay (HPLC) 99% melting range 68—70 °C 2-Phenylbenzoic acid see 2-Biphenylcarboxylic acid 4-Phenylbenzoic acid see 4-Biphenylcarboxylic acid	WG. 2914	100 g	28,50	24,25	22,80	21,40
0338	1-Phenylbiguanid PROSYNTH® 1-Phénylbiguanide / 1-Fenilbiguanida <chem>C6H5NHC(=NH)NHC(=NH)NH2</chem> <chem>C8H11N5</chem> M = 177,21 g/mol assay 94% melting range 132—136 °C Phenylboronic acid see Benzeneboronic acid Phenyl-(4-bromophenyl)methane see Bromodiphenylmethane 1-Phenylbutane see Butylbenzene 2-Phenylbutane see sec.-Butylbenzene 1-Phenylbutanone-(1) see Butyrophenone	WG. 2926	100 g	35,75	30,40	28,60	26,80
0827	2-Phenylbutyramide 2-Phénylbutyramide / 2-Fenilbutiramida <chem>CH3CH2CH(C6H5)CONH2</chem> <chem>C10H13NO</chem> M = 163,22 g/mol	PF. FTP. 2925	1 kg 50 kg	109,— price on request	92,65	87,20	83,95
7737	2-Phenylbutyric acid pure Acide 2-phénylbutyrique / Acido 2-fenilbutirico <chem>CH3CH2CH(C6H5)COOH</chem> <chem>C10H12O2</chem> M = 164,20 g/mol	WG. FTP. 2914	1 kg 50 kg	88,— price on request	74,80	70,40	67,75
3714	3-Phenylbutyric acid PROSYNTH® Acide 3-phénylbutyrique / Acido 3-fenilbutirico <chem>CH3CH(C6H5)CH2COOH</chem> <chem>C10H12O2</chem> M = 164,20 g/mol assay (HPLC) 99% melting range 37—39 °C	WG. 2914	10 g	19,25	16,35	15,40	14,45
3190	4-Phenylbutyric acid PROSYNTH® Acide 4-phénylbutyrique / Acido 4-fenilbutirico <chem>C6H5(CH2)3COOH</chem> <chem>C10H12O2</chem> M = 164,20 g/mol assay (HPLC) 98% melting range 49—51 °C	WG. 2914	25 g	38,25	32,50	30,60	28,70

Code Number
A) ERMACH
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

60253 2-Phenylbutyronitrile PROSYNTH®
2-Phénylbutyronitrile / 2-Fenilbutironitrilo
CH3CH2CH(C6H5)CN
C10H11N $M = 145,20$ g/mol 1 L \approx 0,98 kg
assay (GC) 99%
boiling range (at 12 mbar) 110–112 °C
refractive index (n_D^{20}) 1,508



R: 23/24/25 S: 44
disposal: 15

63715 4-Phenylbutyronitrile PROSYNTH®
4-Phénylbutyronitrile / 4-Fenilbutironitrilo
C6H5(CH2)3CN
C10H11N $M = 145,20$ g/mol 1 L \approx 0,99 kg
assay (GC) 98%
boiling range (at 2,3 mbar) 97–99 °C
refractive index (n_D^{20}) 1,514



R: 23/24/25 S: 44
disposal: 15

16539 2-Phenylbutyryl chloride
Phenyl-2-butyryl chlorure / 2-Fenilbutiril cloruro
C6H5(CH2)3COCl
C10H11ClO $M = 182,65$ g/mol 1 L \approx 1,10 kg
assay (GC) 99%
boiling range 122–124 °C

62283 Phenyl chloroformate PROSYNTH®
Phényle chloroformiate / Fenilo cloroformiato
ClCOOC6H5
C7H5ClO2 $M = 156,57$ g/mol 1 L \approx 1,24 kg
assay (GC) 97%
boiling range (at 20 mbar) 80–82 °C
refractive index (n_D^{20}) 1,520

2-Phenylcinchoninic acid see
2-Phenylquinoline-4-carboxylic acid

33524 Phenyl iso-cyanate R. G.
Phényle iso-cyanate / Fenilo iso-cianato
C6H5NCO
C7H5NO $M = 119,12$ g/mol 1 L \approx 1,10 kg
boiling range 161–163 °C
density (D_4^{20}) 1,094–1,097
refractive index (n_D^{20}) 1,5350–1,5370
sulphated ash max. 0,1%



R: 23/24/25 S: 44
disposal: 7

39433 Phenyl iso-cyanate BIOSYNTH®
Phényle iso-cyanate / Fenilo iso-cianato
C6H5NCO
C7H5NO $M = 119,12$ g/mol 1 L \approx 1,10 kg
boiling range 161–163 °C
density (D_4^{20}) 1,094–1,097
refractive index (n_D^{20}) 1,5350–1,5370
sulphated ash max. 0,1%



R: 23/24/25 S: 44
disposal: 6

Phenyl cyanide see Benzonitrile

63191 1-Phenyldecane PROSYNTH®
1-Phényldécane / 1-Fenildecano
C6H5(CH2)9CH3
C16H26 $M = 218,38$ g/mol 1 L \approx 0,85 kg
assay (GC) 97%
boiling range 290–293 °C
refractive index (n_D^{20}) 1,483

FL.
2927

250 ml 60,— 51,— 48,— 45,—

FL.
2927

100 g 86,— 73,10 68,80 64,5

FL.
2914

100 ml price on request

FL.
2914

100 ml 17,— 14,45 13,60 12,—

FL.
2930





100 ml 24,75 21,05 19,80 18,—

FL.
2930

100 ml 23,— 19,55 18,40 17,—

FL.
2901

100 ml 82,— 69,70 65,60 61,—



3717 6.1/21 6.1 * 1673 3	N-Phenyldiethanolamine PROSYNTH® <i>N-Phényldiéthanolamine / N-Fenildietanolamina</i> <chem>C6H5N(CH2CH2OH)2</chem> <chem>C10H15NO2</chem> M = 181,23 g/mol assay (GC) 98% melting range 56–58 °C  R: 20/21/22 S: 28 disposal: 19	WG. 2923	500 g	17,50	14,90	14,—	13,50
3528	1-Phenyl-2,3-dimethyl-4-aminopyrazolon-(5) R. G. <i>1-Phényl-2-3-diméthyl-4-aminopyrazolone-(5) / 1-Fenil-2,3-dimetil-4-aminopirazolona-(5)</i> <chem>C11H13N3O</chem> M = 203,24 g/mol <chem>C11H13N3O</chem> M = 203,24 g/mol assay min. 99% melting range 107–109 °C loss on drying max. 0,5% residue on ignition max. 0,1% 1-Phenyl-2,3-dimethyl-4-isopropylpyrazolone-(5) see iso-Propylphenazone Phenyldimethylpyrazolone see also Phenazone	WG. 2935	25 g	16,75	14,25	13,40	12,55
3192	1-Phenyldodecane PROSYNTH® <i>1-Phényldodécane / 1-Fenildodecano</i> <chem>C6H5(CH2)11CH3</chem> <chem>C18H30</chem> M = 246,44 g/mol 1 L ≈ 0,86 kg assay (GC) 98% boiling range (at 16 mbar) 182–184 °C refractive index (n _D ²⁰) 1,482	FL. 2901	100 ml	87,—	73,95	69,60	65,25
62969 A 6.1/21H C 6.1 1673 3	1,2-Phenylenediamine PROSYNTH® <i>1-2-Phénylènediamine / 1,2-Fenilendiamina</i> <chem>C6H4(NH2)2</chem> <chem>C6H8N2</chem> M = 108,14 g/mol assay (ex N) 99% melting range 100–102 °C  R: 23/24/25 S: 28-44 disposal: 19	WG. 2922	250 g	39,25	33,35	31,40	29,45
63718 A 6.1/21H C 6.1 1673 3	1,3-Phenylenediamine PROSYNTH® <i>1-3-Phénylènediamine / 1,3-Fenilendiamina</i> <chem>C6H4(NH2)2</chem> <chem>C6H8N2</chem> M = 108,14 g/mol assay (ex N) 99% melting range 62–64 °C  R: 23/24/25 S: 28-44 disposal: 19	WG. 2922	500 g	26,—	22,10	20,80	20,—
65083	1,2-Phenylenediammonium dichloride PROSYNTH® <i>1-2-Phénylènediammonium dichlorure / 1,2-Fenilendiamonio dicloruro</i> <chem>C6H4(NH2)2 · 2HCl</chem> <chem>C6H10Cl2N2</chem> M = 181,06 g/mol assay (ex Cl) 99% melting range 257–259 °C (disint.)  R: 23/24/25 S: 28-44 disposal: 7	WG. 2922	50 g	24,75	21,05	19,80	18,55



Code-Number
A) RID/ADR
B) GGV/EGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
	(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

33521	1,3-Phenylenediammonium dichloride R. G. 1-3-Phénylènediammonium dichlorure / 1,3-Fenilendiamonio dicloruro <chem>C6H4(NH2)2 · 2HCl</chem> <chem>C6H10Cl2N2</chem> M = 181,06 g/mol assay min. 99% sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%  R: 23/24/25 S: 28-44 disposal: 7	WG. WG. 2922	25 g 100 g	8,50 25,50	7,25 21,70	6,80 20,40	6,4 19,1
16165	1,4-Phenylenediammonium dichloride 1-4-Phénylènediammonium dichlorure / 1,4-Fenilendiamonio dicloruro <chem>C6H4(NH2)2 · 2HCl</chem> <chem>C6H10Cl2N2</chem> M = 181,06 g/mol  R: 23/24/25 S: 28-44 disposal: 7 N',N'-o-Phenylene-iso-thiourea see 2-Mercaptobenzimidazole Phenylethane see Ethylbenzene	WG. 2922	250 g	37,50	31,90	30,—	28,1
62968	1-Phenylethanol PROSYNTH® 1-Phényléthanol / 1-Feniletanol <chem>C6H5CH(OH)CH3</chem> <chem>C8H10O</chem> M = 122,17 g/mol 1 L ≈ 1,01 kg assay (GC) 98% boiling range 200—203 °C refractive index (n _D ²⁰) 1,527	FL. 2905	500 ml	11,50	9,80	9,20	8,8
63186	2-Phenylethanol PROSYNTH® 2-Phényléthanol / 2-Feniletanol <chem>C6H5CH2CH2OH</chem> <chem>C8H10O</chem> M = 122,17 g/mol 1 L ≈ 1,02 kg assay (GC) 98% boiling range 218—221 °C refractive index (n _D ²⁰) 1,532 Phenylether see Diphenyl ether Phenylethylacetamide see 2-Phenylbutyramide Phenylethylacetic acid see 2-Phenylbutyric acid	FL. 2905	1 L	59,50	50,60	47,60	45,8
63744	Phenylethylene oxide PROSYNTH® Phényléthylène oxyde / Feniletileno óxido <chem>C6H5CHCH2O</chem> <chem>C8H8O</chem> M = 120,15 g/mol 1 L ≈ 1,05 kg assay (GC) 97% boiling range 192—194 °C	FL. 2909	500 ml	26,25	22,30	21,—	20,2
61373	2-Phenyl-4-(3-fluorobenzal)-5-oxazolone PROSYNTH® 2-Phényl-4-(3-fluorobenzal)-5-oxazolone / 2-Fenil-4-(3-fluorobenzal)-5-oxazolona <chem>C16H10FNO2</chem> M = 267,26 g/mol assay 99% melting range 156—158 °C	WG. 2935	10 g	50,50	42,95	40,40	37,5
61374	2-Phenyl-4-(4-fluorobenzal)-5-oxazolone PROSYNTH® 2-Phényl-4-(4-fluorobenzal)-5-oxazolone / 2-Fenil-4-(4-fluorobenzal)-5-oxazolona <chem>C16H10FNO2</chem> M = 267,26 g/mol assay 99% melting range 184—186 °C	WG. 2935	10 g	38,75	32,95	31,—	29,1

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
372	2-Phenyl-4-(2-fluorobenzal)-5-oxazolone PROSYNTH® <i>2-Phényl-4-(2-fluorobenzal)-5-oxazolone / 2-Fenil-4-(2-fluorobenzal)-5-oxazolona</i> $C_{16}H_{10}FNO_2$ $M = 267,26$ g/mol assay 99% melting range 166–168 °C	WG. 2935	10 g	50,50	42,95	40,40	37,90
598	Phenylfluoron R. G. <i>Phénylfluorone / Fenilfluorona</i> $C_6H_5C \equiv C_6H_2 = O(OH)OC_6H_2(OH)_2$ $C_{19}H_{12}O_5$ $M = 320,30$ g/mol	FL. 2935	5 g	29,50	25,10	23,60	22,15
366	N-Phenylglycine BIOSYNTH® <i>N-Phénylglycine / N-Fenilglicina</i> $C_6H_5NHCH_2COOH$ $C_8H_9NO_2$ $M = 151,16$ g/mol	WG. 2923	10 g	25,25	21,45	20,20	18,95
422	Phenylglyoxal PROSYNTH® <i>Phénylglyoxal / Fenilglioxal</i> C_6H_5COCHO $C_8H_6O_2$ $M = 134,13$ g/mol assay (GC) 97%	FL. 2911	5 g	19,75	16,80	15,80	14,80
2972 3/4	1-Phenylheptane PROSYNTH® <i>1-Phénylheptane / 1-Fenilheptano</i> $C_6H_5(CH_2)_6CH_3$ $C_{13}H_{20}$ $M = 176,30$ g/mol $1\text{ L} \approx 0,86$ kg assay (GC) 96% boiling range 231–233 °C refractive index (n_D^{20}) 1,484	FL. 2901	50 ml	48,—	40,80	38,40	36,—
2973 3/3 3.3 1993 2	1-Phenylhexane PROSYNTH® <i>1-Phénylhexane / 1-Fenilhexano</i> $CH_3(CH_2)_5C_6H_5$ $C_{12}H_{18}$ $M = 162,27$ g/mol $1\text{ L} \approx 0,86$ kg assay (GC) 97% boiling range 224–226 °C refractive index (n_D^{20}) 1,487 R: 10 disposal: 6	FL. 2901	50 ml	46,—	39,10	36,80	34,50
255 3/4 6.1 2572 2	Phenylhydrazine PROSYNTH® <i>Phénylhydrazine / Fenilhidracina</i> $C_6H_5NHNH_2$ $C_6H_8N_2$ $M = 108,14$ g/mol $1\text{ L} \approx 1,09$ kg assay 99% boiling range (at 16 mbar) 126–128 °C refractive index (n_D^{20}) 1,608  R: 23/24/25-36 S: 28-44 disposal: 20	FL. FPF. 2929	500 ml 50 kg	35,75 price on request	30,40	28,60	27,55
3554	Phenylhydrazinium chloride R. G., Reag. Ph. Eur. I <i>Phénylhydrazine chlorhydrate / Fenilhidracinio cloruro</i> $C_6H_5NHNH_3Cl$ $C_6H_9ClN_2$ $M = 144,60$ g/mol assay (oxidimetric) min. 99% loss on drying (105 °C) max. 0,5% sulphated ash max. 0,1% iron (Fe) max. 0,001% sulphate (SO ₄) max. 0,01%  R: 23/24/25-36 S: 28-44 disposal: 20	WG. WG. 2929	100 g 500 g	32,25 132,—	27,40 112,20	25,80 105,60	24,20 101,65

Code-Number
A) MID/AOR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM








1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

Code-Number	Product Name	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (96 Boxes)
62974	2-Phenylimidazole PROSYNTH® <i>2-Phénylimidazole / 2-Fenilimidazol</i> C ₈ H ₇ N ₂ M = 144,16 g/mol assay 99% melting range 147–149 °C	WG. 2935	100 g	35,—	29,75	28,—	26,2
64144	2-Phenylimidazoline PROSYNTH® <i>2-Phénylimidazoline / 2-Fenilimidazolina</i> C ₈ H ₁₀ N ₂ M = 146,19 g/mol assay (ex N) 99% melting range 97–99 °C	WG. 2935	50 g	37,75	32,10	30,20	28,3
63720	2-Phenylindanedione-(1,3) PROSYNTH® <i>2-Phénylindanedione-(1,3) / 2-Fenilindandiona-(1,3)</i> C ₁₅ H ₁₀ O ₂ M = 222,24 g/mol assay 97% melting range 148–150 °C	PF. 2913	50 g	28,—	23,80	22,40	21,—
64791	2-Phenylindole PROSYNTH® <i>Phényl-2-indole / 2-Fenilindol</i> C ₁₄ H ₁₁ N M = 193,25 g/mol assay (HPLC) 98% melting range 175–178 °C	WG. 2935	100 g	29,50	25,10	23,60	22,—
Phenyl isocyanate see Phenyl iso-cyanate							
Phenyl isothiocyanate see Phenyl iso-thiocyanate							
39434	N-Phenylmaleimide BIOSYNTH® <i>N-Phénylmaléimide / N-Fenilmaleimida</i> C ₁₀ H ₇ NO ₂ M = 173,17 g/mol	WG. 2926	5 g	23,75	20,20	19,—	17,8
64123	Phenylmalonic acid PROSYNTH® <i>Acide phénylmalonique / Acido fenilmalónico</i> C ₉ H ₈ O ₄ M = 180,16 g/mol assay (alkalimetric) 98% melting range 149–151 °C	WG. 2915	50 g	20,75	17,65	16,60	15,5
Phenylmercaptan see Thiophenol							
63723	Phenylmercaptoacetic acid PROSYNTH® <i>Acide phénylmercaptoacétique / Acido fenilmercaptoacético</i> C ₈ H ₈ O ₂ S M = 168,22 g/mol assay (alkalimetric) 98% melting range 62–64 °C	WG. 2931	50 g	20,75	17,65	16,60	15,5
35880	Phenylmercury acetate min. 99% PESTANAL® A 6.1/81F1 C ₈ H ₇ HgOCOCH ₃ C 6.1 1609 2 C ₈ H ₇ HgO ₂ M = 336,74 g/mol  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10	FL. 2933	1 g	19,75	16,80	15,80	14,8
22101	Phenylmercury acetate technical A 6.1/81F1 C ₈ H ₇ HgOCOCH ₃ C 6.1 1674 2 C ₈ H ₇ HgO ₂ M = 336,74 g/mol assay of Hg 59%  R: 26/27/28-33 S: 2-13-28-36-45 disposal: 10	PF. 2933	1 kg	181,—	153,85	144,80	139,5

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
2103	Phenylmercury acetate solution 25%	PF. 2933	1 L	75,50	64,20	60,40	58,15
6.1/81F1	Phénylmercure acétate en solution / Fenilmercurio acetato						
3.3 1992 2	en solución						
25 °C	C ₆ H ₅ HgOCOCH ₃						
	C ₈ H ₈ HgO ₂ M = 336,74 g/mol						1 L ≈ 1,13 kg
	assay of Hg 14,8%						
	 						
	R: 11-23/25 S: 2-7-16-24						
	disposal: 10						
5881	Phenylmercury chloride min. 99% PESTANAL®	FL. 2933	1 g	19,75	16,80	15,80	14,80
6.1/81F1	C ₆ H ₅ HgCl						
6.1 1609 2	C ₆ H ₅ ClHg M = 313,15 g/mol						
							
	R: 26/27/28-33 S: 2-13-28-36-45						
	disposal: 10						
22111	Phenylmercury chloride technical	PF. 2933	500 g	121,—	102,85	96,80	93,15
6.1/81F1	Phénylmercure chlorure / Fenilmercurio cloruro						
6.1 2026 2	C ₆ H ₅ ClHg M = 313,15 g/mol						
							
	R: 26/27/28-33 S: 2-13-28-36-45						
	disposal: 10						
22025	Phenylmercury-8-hydroxyquinoline technical	PF. 2935	1 kg	277,—	235,45	221,60	213,30
6.1/81F1	Phénylmercure-8-hydroxyquinoléine / Fenilmercurio-8-						
6.1 2026 2	hidroxiquinolina						
	C ₆ H ₅ HgOC ₆ H ₃ CH=CHCH=N						
	C ₁₅ H ₁₁ HgNO M = 421,85 g/mol						
	assay of Hg 47,5%						
							
	R: 26/27/28-33 S: 2-13-28-36-45						
	disposal: 10						
62986	Phenylmercury nitrate PROSYNTH®	WG. 2933	100 g	67,—	56,95	53,60	50,25
6.1/53	Phénylmercure nitrate / Fenilmercurio nitrato						
6.1 1895 2	C ₆ H ₅ HgNO ₃ · C ₆ H ₅ HgOH						
	C ₁₂ H ₁₁ Hg ₂ NO ₄ M = 634,40 g/mol						
	assay (ex Hg) 98%						
	melting range 193—196 °C						
							
	R: 26/27/28-33 S: 2-13-28-36-45						
	disposal: 10						
22105	Phenylmercury oleate technical	BL. 2933	500 g	107,50	91,40	86,—	82,80
6.1/81F1	Phénylmercure oléate / Fenilmercurio oleato						
6.1 2026 2							
	R: 26/27/28-33 S: 2-13-28-36-45						
	disposal: 10						
	Phenyl methyl ketone see Acetophenone						
62975	1-Phenyl-3-methylpyrazolone-(5) PROSYNTH®	PF. 2935	1 kg	87,50	74,40	70,—	67,40
	1-Phényl-3-méthylpyrazolone-(5) / 1-Fenil-3-						
	metilpirazolona-(5)						
	C ₆ H ₅ NN=C(CH ₃)CH ₂ CO						
	C ₁₀ H ₁₀ N ₂ O M = 174,20 g/mol						
	assay (HPLC) 99%						
	melting range 126—128 °C						
	Phenylmethylsilicon see Silicon OV						
62976	N-Phenylnaphthyl-(1)-amine PROSYNTH®	WG. 2922	250 g	31,25	26,55	25,—	23,45
	N-Phénylnaphtyl-(1)-amine / N-Fenilnaftil-(1)-amina						
	C ₁₀ H ₇ NHC ₆ H ₅						
	C ₁₆ H ₁₃ N M = 219,29 g/mol						
	assay (GC) 98%						
	melting range 52—55 °C						
	Phenylnitrosohydroxylamine ammonium salt see Cupferron						

Code Number
A: Riedel
B: CAS/VE/CEVS
C: MDL CODE (CCVS)

Type of package
B.T.N.


Price per
package DM

1x
(1 Box)



6x
(6 Boxes)

24x
(4 Boxes)

96x
(16 Boxes)

62977	1-Phenylnonane PROSYNTH® <i>1-Phénylnonane / 1-Fenilnonano</i> <chem>Cc1ccc(cc1)CCCCCCCC</chem> $C_{15}H_{24}$ $M = 204,35$ g/mol assay (GC) 97% boiling range 280–282 °C refractive index (n_D^{20}) 1,484	1 L ≈ 0,85 kg
A 3/4		
62978	1-Phenyloctane PROSYNTH® <i>1-Phényloctane / 1-Feniloctano</i> <chem>Cc1ccc(cc1)CCCCCCC</chem> $C_{14}H_{22}$ $M = 190,33$ g/mol assay (GC) 97% boiling range 261–263 °C refractive index (n_D^{20}) 1,484	1 L ≈ 0,86 kg
	1-Phenylpentane see <i>n</i> -Pentylbenzene	
	1-Phenylpentanone-(1) see Valerophenone	
65084	4-Phenylphenacyl bromide PROSYNTH® <i>4-Phénylphénacyle bromure / 4-Fenilfenacilo bromuro</i> <chem>Cc1ccc(cc1)C(=O)CCBr</chem> $C_{14}H_{11}BrO$ $M = 275,14$ g/mol assay (ex Br) 99% melting range 123–125 °C	
A 8.1/23C		
C 6.1 2811 2		
	 R: 23/24/25 S: 44 disposal: 7	
	1-Phenylpropane see <i>n</i> -Propylbenzene	
	2-Phenylpropane see Cumene	
62980	1-Phenylpropanol-(1) PROSYNTH® <i>1-Phénylpropanol-(1) / 1-Fenilpropanol-(1)</i> <chem>Cc1ccc(cc1)C(O)CC</chem> $C_9H_{12}O$ $M = 136,19$ g/mol assay (GC) 98% boiling range (at 13 mbar) 98–100 °C refractive index (n_D^{20}) 1,520	1 L ≈ 0,99 kg
A 3/4		
+98 °C		
60452	2-Phenylpropanol-(1) PROSYNTH® <i>2-Phénylpropanol-(1) / 2-Fenilpropanol-(1)</i> <chem>Cc1ccc(cc1)C(C)CO</chem> $C_9H_{12}O$ $M = 136,19$ g/mol assay (GC) 98% boiling range (at 13 mbar) 109–111 °C refractive index (n_D^{20}) 1,526	1 L ≈ 1,00 kg
60453	3-Phenylpropanol-(1) PROSYNTH® <i>3-Phénylpropanol-(1) / 3-Fenilpropanol-(1)</i> <chem>Cc1ccc(cc1)CCC(O)</chem> $C_9H_{12}O$ $M = 136,19$ g/mol assay (GC) 98% boiling range (at 16 mbar) 119–121 °C refractive index (n_D^{20}) 1,526	1 L ≈ 1,01 kg
	Phenylpropanone-(2) see Benzyl methyl ketone	
	2-Phenylpropene see α -Methylstyrene	
	1-Phenylpropene-(2) see Allylbenzene	
60447	2-Phenylpropionaldehyde PROSYNTH® <i>Aldéhyde 2-phénylpropionique / Aldehido 2-fenilpropiónico</i> <chem>Cc1ccc(cc1)CC=O</chem> $C_9H_{10}O$ $M = 134,18$ g/mol assay (GC) 96% boiling range 205–207 °C refractive index (n_D^{20}) 1,518	1 L ≈ 1,01 kg
A 3/4		
+76 °C		

FL. 2901	100 ml	75,50	64,20	60,40	56,60
FL. 2901	100 ml	86,—	73,10	68,80	64,50
WG. 2913	10 g	24,75	21,05	19,80	18,50
FL. 2905	100 ml	23,50	20,—	18,80	17,60
FL. 2905	100 ml	47,—	39,95	37,60	35,20
FL. 2905	500 ml	53,—	45,05	42,40	40,80
FL. 2911	100 ml	34,—	28,90	27,20	25,50

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2-Phenylpropionic acid see Hydratropic acid							
3-Phenylpropionic acid see Hydrocinnamic acid							
2-Phenylpropyl alcohol see 2-Phenylpropanol-(1)							
3-Phenylpropyl alcohol see 3-Phenylpropanol-(1)							
4718 6.1/12 6.1 2810 2	3-Phenylpropyl bromide PROSYNTH® <i>Phényl-3-propyle bromure / 3-Fenilpropilo bromuro</i> <chem>C6H5CH2CH2CH2Br</chem> <chem>C9H11Br</chem> $M = 199,09$ g/mol assay (GC) 98% boiling range (at 16 mbar) 108–110 °C refractive index (n_D^{20}) 1,545	FL. 2902	250 ml	65,—	55,25	52,—	48,75
Phenyl propyl ketone see Butyrophenone							
4124	1-Phenylpyrazole PROSYNTH® <i>1-Phénylpyrazole / 1-Fenilpirazol</i> <chem>C6H5NN=CHCH=CH</chem> <chem>C9H8N2</chem> $M = 144,18$ g/mol assay (GC) 96% boiling range 245–247 °C refractive index (n_D^{20}) 1,600	FL. 2935	5 g	28,25	24,—	22,60	21,20
4125	1-Phenylpyrazolidone-(3) PROSYNTH® <i>1-Phénylpyrazolidone-(3) / 1-Fenilpirazolidona-(3)</i> <chem>C6H5NCH2CH2CNH</chem> <chem>C9H10N2O</chem> $M = 162,19$ g/mol assay (ex N) 96% melting range 120–122 °C	WG. 2935	25 g	13,25	11,25	10,60	9,95
 R: 22 disposal: 6							
4787	Phenylpyruvic acid PROSYNTH® <i>Acide phénylpyruvique / Acido fenilpirúvico</i> <chem>C6H5CH2COCOOH</chem> <chem>C9H8O3</chem> $M = 164,16$ g/mol assay (alkalimetric) 99% melting range 150–154 °C	WG. 2916	5 g	32,25	27,40	25,80	24,20
53725	Phenylpyruvic acid sodium salt PROSYNTH® <i>Acide phénylpyruvique sel sodique / Acido fenilpirúvico, sal sódica</i> <chem>C6H5CH2COCOONa</chem> <chem>C9H7NaO3</chem> $M = 186,14$ g/mol assay 99% keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2916	5 g	29,75	25,30	23,80	22,30
20206	2-Phenylquinoline-4-carboxylic acid DAB 6, B. P.1953, Ph. Belg. IV <i>Acide 2-phénylquinoléinecarboxylique-(4) / Acido 2-fenilquinolinocarboxílico-(4)</i> <chem>C6H4N=C(C6H5)CH=CCOOH</chem> <chem>C16H11NO2</chem> $M = 249,27$ g/mol	PF. 2935	1 kg	100,—	85,—	80,—	77,—
64798	1-Phenylsemicarbazide PROSYNTH® <i>1-Phénylsémicarbazide / 1-Fenilsemicarbazida</i> <chem>NH2CONHNHC6H5</chem> <chem>C7H9N3O</chem> $M = 151,17$ g/mol assay (ex N) 98% melting range 172–174 °C	PF. 2929	250 g	84,—	71,40	67,20	63,—
 R: 23/24/25 S: 44 disposal: 17							

Code-Number
A) R.D. ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.


Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

- 65085 4-Phenylsemicarbazide PROSYNTH®**
4-Phénylsémicarbazid / 4-Fenilsemicarbazida
C6H5NHCONHNH2
C7H9N3O $M = 151,17 \text{ g/mol}$
 assay (ex N) 99%
 melting range 123–125 °C
-  R: 23/24/25 S: 44
 disposal: 17
- 39212 DL-3-Phenylserine monohydrate BIOSYNTH®**
DL-3-Phénylsérine monohydrate / DL-3-Fenilserina monohidrato
C6H5CHOHCH(NH2)COOH \cdot H2O
C9H11NO3 \cdot H2O $M = 199,21 \text{ g/mol}$
 assay (ex N) 99%
- 64786 DL-Phenylsuccinic acid PROSYNTH®**
Acide DL-phénylsuccinique / Acido DL-fenilsuccínico
HOOCCH2CH(C6H5)COOH
C10H10O4 $M = 194,19 \text{ g/mol}$
 assay (alkalimetric) 99%
 melting range 166–168 °C

Phenyl-[thienyl-(2)]ketone see 2-Benzoylthiophene

Phenylthiocarbamide see N-Phenylthiourea

- 63721 Phenyl iso-thiocyanate PROSYNTH®**
Phényle iso-thiocyanate / Fenilo iso-tiocianato
C6H5NCS
C7H5NS $M = 135,19 \text{ g/mol}$ 1 L \approx 1,13 kg
 assay (GC) 99%
 boiling range 219–223 °C
 refractive index (n_D^{20}) 1,649



R: 20/21/22 S: 28
 disposal: 7

- 62987 N-Phenylthiourea PROSYNTH®**
N-Phénylthiourée / N-Feniltiourea
C6H5NHCSNH2
C7H9N2S $M = 152,22 \text{ g/mol}$
 assay (ex N) 98%
 melting range 148–152 °C





R: 26/27/28-39 S: 1-13-45
 disposal: 6

- 65086 Phenyl-(tribromomethyl)-mercury PROSYNTH®**
Phényl-(tribromméthyl)-mercure / Fenil-(tribromometil)-mercurio
Br3CHgC6H5
C7H5Br3Hg $M = 529,42 \text{ g/mol}$
 assay (ex Hg) 97%
 melting range 118–120 °C
 keep in refrigerator
 à stocker dans le réfrigérateur
 almacenaje en la nevera



R: 26/27/28-33 S: 2-13-28-36-45
 disposal: 10

Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
WG. 2929	10 g	17,25	14,65	13,80	12,9
WG. 2923	10 g	19,75	16,80	15,80	14,8
WG. 2915	25 g	14,50	12,35	11,60	10,9
FL. FTP. 2931	250 ml 25 kg	105,50 price on request	89,70	84,40	79,1
WG. 2931	250 g	28,75	24,45	23,—	21,5
FL. 2933	5 g	57,—	48,45	45,60	42,—

le-Number ID/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
799	Phenyltrichlorosilane PROSYNTH®	FL.	250 ml	29,50	25,10	23,60	22,15
1760 2	<i>Phényltrichlorosilane / Feniltriclorosilano</i>	2934					
1 °C	<chem>C6H5SiCl3</chem> <chem>C6H5Cl3Si</chem> $M = 211,55 \text{ g/mol}$ $1 \text{ L} \approx 1,32 \text{ kg}$ assay (GC) 98% boiling range 199–201 °C refractive index (n_D^{20}) 1,523  R: 36/37/38 S: 26 disposal: 7						
1-Phenyltridecane see Tridecylbenzene							
375	Phenyl trifluoroacetate PROSYNTH®	FL.	50 ml	88,50	75,25	70,80	66,40
3/3	<i>Phényle trifluoroacétate / Fenilo trifluoroacetato</i>	2914					
3.3 1993 2	<chem>CF3COOC6H5</chem> <chem>C6H5F3O2</chem> $M = 190,12 \text{ g/mol}$ $1 \text{ L} \approx 1,28 \text{ kg}$ assay (GC) 98% refractive index (n_D^{20}) 1,427  R: 26/27/28 S: 1/2-13-45 disposal: 7						
30 °C							
9-Phenyl-2,3,7-trihydroxy-6-fluoron see Phenylfluoron							
1800	N-Phenyl-N,N,N-trimethylammonium tribromide PROSYNTH®	WG.	50 g	38,50	32,75	30,80	28,90
6.1/21H	<i>N-Phényl-N-N-N-triméthylammonium tribromure / N-Fenil-N,N,N-trimetilamonio tribromuro</i>	2924					
8 1759 2	<chem>C9H14Br3N</chem> $M = 375,93 \text{ g/mol}$ assay (ex Br) 98% melting range 112–115 °C						
2971	N-Phenylurea PROSYNTH®	PF.	250 g	28,50	24,25	22,80	21,40
	<i>N-Phénylurée / N-Fenilurea</i>	2925					
	<chem>C6H5NHCONH2</chem> <chem>C7H8N2O</chem> $M = 136,15 \text{ g/mol}$ assay (ex N) 98% melting range 147–148 °C						
0359	1-Phenyl-1-vinylphosphonic acid PROSYNTH®	WG.	25 g	81,50	69,30	65,20	61,15
	<i>Acidephényl-1-vinyl-1-phosphonique / Acido 1-fenilvinil-1-fosfónico</i>	2934					
	<chem>C6H5C(=CH2)PO(OH)2</chem> <chem>C8H9O3P</chem> $M = 184,13 \text{ g/mol}$ assay 98% melting range 111–113 °C						
5087	Phloroglucinaldehyde PROSYNTH®	WG.	5 g	54,50	46,35	43,60	40,90
	<i>Phloroglucinaldéhyde / Floroglucinaldehido</i>	2911					
	<chem>(HO)3C6H2CHO \cdot xH2O</chem> <chem>C7H6O4 \cdot xH2O</chem> $M = (\text{anhydrous}) 154,12 \text{ g/mol}$ assay 90% water (according to Karl Fischer) 10%						
1529	Phloroglucinol dihydrate R. G., Reag. Ph. Eur. I	WG.	25 g	25,75	21,90	20,60	19,30
	<i>Phloroglucinol dihydrate / Floroglucina dihidrato</i>	PF.	100 g	81,—	68,85	64,80	60,75
	<chem>C6H3(OH)3[1,3,5] \cdot 2H2O</chem> <chem>C6H6O3 \cdot 2H2O</chem> $M = 162,14 \text{ g/mol}$ assay min. 99% melting range 218–221 °C loss on drying (105 °C) 22,0–22,5% sulphated ash max. 0,02% diresorcinol passes test	2906					

Code Number
A) RID ADR
B) GGVe, GGVs
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

60256 Phloroglucinol dihydrate PROSYNTH®
Phloroglucinol dihydrate / Floroglucina dihidrato

$C_6H_3(OH)_3 \cdot 2H_2O$

$C_6H_5O_3 \cdot 2H_2O$ $M = 162,14$ g/mol

assay (alkalimetric) 99%

melting range (ex dried substance) 219–221 °C

34611 Phloroglucinol solution spirituous DAB 6 (2 g/100 g)
Phloroglucinol en solution / Floroglucina en solución

A 3/6

C 3.2 1987 2

1 L \approx 0,80 kg

+11 °C



R: 11 S: 7-16
disposal: 6

33532 Phloxine for microscopy C. I. Nr. 45405, S. Nr. 888
Phloxine / Floxina

$C_{20}H_4Br_4Cl_2Na_2O_5$ $M = 760,76$ g/mol

38910 10,00 g Phosphate FIXANAL® as Phosphoric acid
10,00 g Phosphate / 10,00 g Fosfato

ampoule

39494 Phosphoenol pyruvate silver-barium salt BIOSYNTH®

A 0.1/71

C 6.1 1564 3

Phosphoenolpyruvate, sel d'argent-baryum /

Fosfoenolpiruvato, sal plata-bario

$C_3H_2AgBaO_6P \cdot 2H_2O$ $M = 446,25$ g/mol

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



R: 20/22 S: 28
disposal: 24

31426 Phosphomolybdic acid R. G.

Acide molybdatophosphorique / Acido fosfomolibdico

$H_3(P(Mo_3O_{10})_4) \cdot xH_2O$ $M =$ (anhydrous) 1825,25 g/mol

insoluble in water max. 0,01 %

ammonium (NH₄) max. 0,002 %

lead (Pb) max. 0,005 %

calcium (Ca) max. 0,01 %

iron (Fe) max. 0,005 %

copper (Cu) max. 0,005 %

chloride (Cl) max. 0,005 %

sulphate (SO₄) max. 0,02 %

31482 Phosphomolybdic acid spray reagent for chromatography

A 2/10B2

C 3.3 1219 2

+54 °C

R: 10

spray-box of 330 ml

04116 Phosphomolybdic acid cryst.

Acide molybdatophosphorique / Acido fosfomolibdico

$H_3(P(Mo_3O_{10})_4) \cdot xH_2O$ $M =$ (anhydrous) 1825,25 g/mol

insoluble in water 0,03 %

ammonium (NH₄) 0,02 %

iron (Fe) 0,01 %

heavy metals (as Pb) 0,01 %

chloride (Cl) 0,05 %

sulphate (SO₄) 0,05 %

04103 meta-Phosphoric acid glassy lumps

C 8 1759 2

Acide méta-phosphorique / Acido meta-fosfórico

$(HPO_3)_n$ $M = (79,98)_n$ g/mol

assay of $(HPO_3)_n$ 40–44 %

assay of $(NaPO_3)_n$ 58–60 %

arsenic (As) 0,0005 %

iron (Fe) 0,01 %

heavy metals (as Pb) 0,001 %

chloride (Cl) 0,002 %

PF.

25 g

10,50

8,95

8,40

7,9

PF.

100 g

35,—

29,75

28,—

26,2

PF.

250 g

80,—

68,—

64,—

60,—

2906

FL.

250 ml

27,75

23,60

22,20

20,8

3819

WG.

25 g

47,50

40,40

38,—

35,6

3205

3819

1 pack

18,75

15,95

15,—

14,0

FL.

1 g

221,—

187,85

176,80

165,—

2849

WG.

25 g

price on request

WG.

100 g

price on request

2813

3819

1 pack

price on request

WG.

100 g

price on request

WG.

500 g

price on request

2813

PF.

250 g

38,25

32,50

30,60

28,—

PF.

1 kg

128,—

108,80

102,40




98,—

BL.

10 kg

price on request

2810

<div> <div> de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee) </div> <div> Type of package B.T.N. </div> </div>		<div> <div>Price per package DM</div> <div> <div>1x</div> <div>6x</div> <div>24x</div> <div>96x</div> </div> <div> <div>(1 Box)</div> <div>(4 Boxes)</div> <div>(16 Boxes)</div> </div> </div>				
<div> <div>417</div> <div>1805 3</div> </div> <div> <div>ortho-Phosphoric acid 85%, R. G., Reag. ACS, Reag. ISO, Ph. Eur. I</div> <div>Acide ortho-phosphorique / Acido orto-fosfórico</div> <div> <div>H₃PO₄</div> <div>M = 98,00 g/mol</div> <div>1 L ≈ 1,71 kg</div> </div> <div> <div>assay</div> <div>min. 85%</div> </div> <div> <div>volatile acids (as CH₃COOH)</div> <div>max. 0,001%</div> </div> <div> <div>arsenic (As)</div> <div>max. 0,00005%</div> </div> <div> <div>lead (Pb)</div> <div>max. 0,001%</div> </div> <div> <div>cadmium (Cd)</div> <div>max. 0,0005%</div> </div> <div> <div>iron (Fe)</div> <div>max. 0,001%</div> </div> <div> <div>potassium (K)</div> <div>max. 0,005%</div> </div> <div> <div>copper (Cu)</div> <div>max. 0,0005%</div> </div> <div> <div>manganese (Mn)</div> <div>max. 0,0005%</div> </div> <div> <div>sodium (Na)</div> <div>max. 0,05%</div> </div> <div> <div>nickel (Ni)</div> <div>max. 0,0005%</div> </div> <div> <div>zinc (Zn)</div> <div>max. 0,001%</div> </div> <div> <div>chloride (Cl)</div> <div>max. 0,0002%</div> </div> <div> <div>nitrate (NO₃)</div> <div>max. 0,0005%</div> </div> <div> <div>phosphite and hypophosphite (as H₃PO₃)</div> <div>max. 0,005%</div> </div> <div> <div>sulphate (SO₄)</div> <div>max. 0,003%</div> </div> <div> <div>KMnO₄ reducing matters (as O)</div> <div>max. 0,001%</div> </div> <div> <div>insoluble, calcium, magnesium and ammonium hydroxide precipitate</div> <div>max. 0,005%</div> </div> <div> <div>  <div> <div>R: 34</div> <div>S: 26</div> <div>disposal: 1</div> </div> </div> </div> </div>		<div> <div>PF.</div> <div>500 ml</div> <div>16,25</div> <div>13,80</div> <div>13,—</div> <div>12,50</div> </div> <div> <div>PF.</div> <div>1 L</div> <div>29,75</div> <div>25,30</div> <div>23,20</div> <div>22,—</div> </div> <div> <div>PF.</div> <div>2,5 L</div> <div>63,—</div> <div>52,30</div> <div>49,15</div> <div>47,25</div> </div> <div> <div>FPF.</div> <div>50 kg</div> <div>kg</div> <div>5,65</div> </div> <div> <div>FPF.</div> <div>5x</div> <div>kg</div> <div>5,35</div> </div> <div>2810</div>				
<div> <div>7938</div> <div>8 1805 3</div> </div> <div> <div>ortho-Phosphoric acid min. 85% MOS PURANAL® particle class 1</div> <div>Acide ortho-phosphorique / Acido orto-fosfórico</div> <div> <div>H₃PO₄</div> <div>M = 98,00 g/mol</div> <div>1 L ≈ 1,71 kg</div> </div> <div> <div>assay</div> <div>min. 85%</div> </div> <div> <div>arsenic (As)</div> <div>max. 0,5 ppm</div> </div> <div> <div>lead (Pb)</div> <div>max. 5 ppm</div> </div> <div> <div>cadmium (Cd)</div> <div>max. 5 ppm</div> </div> <div> <div>iron (Fe)</div> <div>max. 10 ppm</div> </div> <div> <div>potassium (K)</div> <div>max. 5 ppm</div> </div> <div> <div>copper (Cu)</div> <div>max. 5 ppm</div> </div> <div> <div>magnesium (Mg)</div> <div>max. 10 ppm</div> </div> <div> <div>manganese (Mn)</div> <div>max. 5 ppm</div> </div> <div> <div>sodium (Na)</div> <div>max. 250 ppm</div> </div> <div> <div>nickel (Ni)</div> <div>max. 5 ppm</div> </div> <div> <div>zinc (Zn)</div> <div>max. 10 ppm</div> </div> <div> <div>chloride (Cl)</div> <div>max. 1 ppm</div> </div> <div> <div>nitrate (NO₃)</div> <div>max. 5 ppm</div> </div> <div> <div>sulphate (SO₄)</div> <div>max. 30 ppm</div> </div> <div> <div>KMnO₄ reducing matter (as O)</div> <div>max. 10 ppm</div> </div> <div> <div>volatiles acids (as CH₃COOH)</div> <div>max. 10 ppm</div> </div> <div> <div>  <div> <div>R: 34</div> <div>S: 26</div> <div>disposal: 1</div> </div> </div> </div> </div>		<div> <div>PF.</div> <div>2,5 L</div> <div>price on request</div> </div> <div>2810</div>				
<div> <div>7861</div> <div>8 1805 3</div> </div> <div> <div>ortho-Phosphoric acid min. 85% PURANAL®</div> <div>Acide ortho-phosphorique / Acido orto-fosfórico</div> <div> <div>H₃PO₄</div> <div>M = 98,00 g/mol</div> <div>1 L ≈ 1,71 kg</div> </div> <div> <div>assay</div> <div>min. 85%</div> </div> <div> <div>arsenic (As)</div> <div>max. 0,5 ppm</div> </div> <div> <div>lead (Pb)</div> <div>max. 5 ppm</div> </div> <div> <div>cadmium (Ca)</div> <div>max. 5 ppm</div> </div> <div> <div>iron (Fe)</div> <div>max. 10 ppm</div> </div> <div> <div>potassium (K)</div> <div>max. 5 ppm</div> </div> <div> <div>copper (Cu)</div> <div>max. 5 ppm</div> </div> <div> <div>magnesium (Mg)</div> <div>max. 10 ppm</div> </div> <div> <div>manganese (Mn)</div> <div>max. 5 ppm</div> </div> <div> <div>sodium (Na)</div> <div>max. 250 ppm</div> </div> <div> <div>nickel (Ni)</div> <div>max. 5 ppm</div> </div> <div> <div>zinc (Zn)</div> <div>max. 10 ppm</div> </div> <div> <div>chloride (Cl)</div> <div>max. 1 ppm</div> </div> <div> <div>nitrate (NO₃)</div> <div>max. 5 ppm</div> </div> <div> <div>sulphate (SO₄)</div> <div>max. 30 ppm</div> </div> <div> <div>matters reducing KMnO₄ (as O)</div> <div>max. 10 ppm</div> </div> <div> <div>volatile acids (as CH₃COOH)</div> <div>max. 10 ppm</div> </div> <div> <div>  <div> <div>R: 34</div> <div>S: 26</div> <div>disposal: 1</div> </div> </div> </div> </div>		<div> <div>PF.</div> <div>2,5 L</div> <div>price on request</div> </div> <div> <div>FPF.</div> <div>50 kg</div> <div>price on request</div> </div> <div>2810</div>				

Code-Number
A) MDZADR
B) GGVSE/SGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

04107 ortho-Phosphoric acid 85%, chem. pure Ph. Eur. I, B. P. 1973,
C 8 1805 3 Ph. Franc. IX, N. F. XIV
Acide ortho-phosphorique / Acido orto-fosfórico

H₃PO₄ M = 98,00 g/mol 1 L = 1,71 kg
assay 85%
arsenic (As) 0,0002%
iron (Fe) 0,0001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,003%
sulphate (SO₄) 0,01%



R: 34 S: 26
disposal: 1

04102 ortho-Phosphoric acid chem. pure cryst.
C 8 1805 3 Acide ortho-phosphorique / Acido orto-fosfórico

H₃PO₄ M = 98,00 g/mol
assay 98%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,001%
nitrate (NO₃) 0,001%
sulphate (SO₄) 0,002%
phosphite and hypophosphite (as H₃PO₃) 0,01%



R: 34 S: 26
disposal: 1

Phosphoric acid-dilauryl ester see Dilauryl phosphate

Phosphoric acids
see

- Diphosphoric acid
- meta-Phosphoric acid
- ortho-Phosphoric acid
- Polyphosphoric acid
- Pyrophosphoric acid see Diphosphoric acid

Phosphoric acid-tritolylester see Tricresyl phosphate

Phosphoric anhydride see Phosphorus(V) oxide

04114 Phosphorous acid cryst.
Acide phosphoreux / Acido fosforoso

H₂PHO₃ M = 82,00 g/mol
assay 99%
ortho-phosphoric acid (H₃PO₄) 1%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,001%
sulphate (SO₄) 0,001%



R: 34 S: 26
disposal: 1

04115 Phosphorous acid 50%
Acide phosphoreux / Acido fosforoso

H₂PHO₃ M = 82,00 g/mol 1 L = 1,27 kg
assay 49,5 - 50,5%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,0005%








R: 34 S: 26
disposal: 1

PF.	1 L	24,25	20,60	19,40	18,6
PF.	2,5 L	51,—	42,35	39,80	38,2
FPF.	50 kg	kg	5,10		
FPF.	5x	kg	4,80		
FPF.	10x	kg	4,60		
2810					

PF.	500 g	14,25	12,10	11,40	10,9
PF.	1 kg	26,—	22,10	20,80	20,—
PF.	2,5 kg	55,—	45,65	42,90	41,2
BLT.	25 kg	price on request			
2810					

PF.	250 g	13,75	11,70	11,—	10,3
PF.	1 kg	38,75	32,95	31,—	29,8
BLT.	50 kg	price on request			
2813					

PF.	1 L	32,25	27,40	25,80	24,8
FPF.	70 kg	price on request			
2813					

-Number /ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
51	Phosphorus black PROSYNTH®	PF.	25 g	400,—	340,—	320,—	300,—
/8	<i>Phosphore noir / Fósforo negro</i>	2804					
1325 2	P M = 30,97 g/mol						
	assay 99,5%						
	 R: 11-16 S: 7-43A disposal: 29						
12	Phosphorus red "NF"	BTL.	50 kg	price on request			
	<i>Phosphore rouge / Fósforo rojo</i>	2804					
	P M = 30,97 g/mol						
	assay 97—98%						
	pH (10 g + 100 ml H ₂ O) 9,5						
	iron (Fe) 0,1%						
114	Phosphorus red "NF"	2804	1 pack	price on request			
	<i>Phosphore rouge / Fósforo rojo</i>						
	in 10 kg bags						
	P M = 30,97 g/mol						
	assay 97—98%						
	pH (10 g + 100 ml H ₂ O) 9,5						
	iron (Fe) 0,1%						
113	Phosphorus red "NN"	2804	1 pack	price on request			
	<i>Phosphore rouge / Fósforo rojo</i>						
	in 10 kg bags						
	P M = 30,97 g/mol						
	assay 97—98%						
	pH (10 g + 100 ml H ₂ O) 9,5						
	iron (Fe) 0,1%						
004	Phosphorus red	BL.	250 g	14,25	12,10	11,40	10,70
1/8	<i>Phosphore rouge / Fósforo rojo</i>	BL.	500 g	22,75	19,35	18,20	17,50
1 1338 3	P M = 30,97 g/mol	BL.	1 kg	42,75	36,35	34,20	32,90
	assay 97—98%	BLT.	50 kg	price on request			
	pH (10 g + 100 ml H ₂ O) 9,5	2804					
	iron (Fe) 0,1%						
	 R: 11-16 S: 7-43A disposal: 29						
002	Phosphorus yellow sticks	PF.	100 g	19,25	16,35	15,40	14,45
2/1	<i>Phosphore jaune / Fósforo amarillo</i>	PF.	250 g	32,75	27,85	26,20	24,55
2 1381 1	P M = 30,97 g/mol	2804					
	melting point 44 °C						
	  R: 17-26/28-35 S: 5-26-28A-45 disposal: 29						
310	Phosphorus(III) bromide	FL.	100 ml	18,—	15,30	14,40	13,50
3/11B	<i>Phosphore(III) bromure / Fósforo(III) bromuro</i>	FL.	500 ml	74,—	62,90	59,20	57,—
3 1808 2	PBr ₃ M = 270,69 g/mol 1 L ≈ 2,80 kg	TS.	30 kg	price on request			
	assay 99%	2814					
	boiling range 172—174 °C						
	lead (Pb) 0,0001%						
	iron (Fe) 0,00005%						
	copper (Cu) 0,00005%						
	nickel (Ni) 0,0001%						
	 R: 14-34-37 S: 26 disposal: 11						

Code-Number
A) RID/ADR
B) GGV/GGVS
C) IMDG CODE (GGVSee)

04603 Phosphorus(III) chloride
A 8/11A *Phosphore(III) chlorure / Fósforo(III) cloruro*
C 8 1809 2 PCl_3 $M = 137,33 \text{ g/mol}$ 1 L $\approx 1,57 \text{ kg}$

assay abt. 98%
boiling range $74,5 - 76,8^\circ \text{C}$
lead (Pb) 0,0001%
iron (Fe) 0,00005%
copper (Cu) 0,00005%
nickel (Ni) 0,0001%



R: 34-37 S: 7/8-26
disposal: 11

04602 Phosphorus(V) chloride
A 8/12 *Phosphore(V) chlorure / Fósforo(V) cloruro*
C 8 1806 2 PCl_5 $M = 208,24 \text{ g/mol}$

assay 99,5%
lead (Pb) 0,0001%
iron (Fe) 0,00005%
copper (Cu) 0,00005%
nickel (Ni) 0,0001%



R: 34-37 S: 7/8-26
disposal: 11

30419 Phosphorus(V) oxide R. G., Reag. ACS, Reag. Ph. Eur. I
C 8 1807 2 *Phosphore(V) oxyde / Fósforo(V) óxido*

P_2O_5 $M = 141,94 \text{ g/mol}$
assay min. 98%
insoluble in water max. 0,02%
ammonium (NH_4) max. 0,01%
arsenic (As) max. 0,005%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,01%
chloride (Cl) max. 0,001%
reducing substances (as P_2O_3) max. 0,02%



R: 35 S: 22-26
disposal: 2

30422 Phosphorus(V) oxide on carrier substance for desiccators
C 8 1807 2 *Phosphore(V) oxyde / Fósforo(V) óxido*

1 L $\approx 0,28 \text{ kg}$



R: 35 S: 22-26
disposal: 2

04113 Phosphorus(V) oxide
C 8 1807 2 *Phosphore(V) oxyde / Fósforo(V) óxido*

P_2O_5 $M = 141,94 \text{ g/mol}$
assay 98,5%
arsenic (As) 0,005%
iron (Fe) 0,005%
heavy metals (as Pb) 0,02%
chloride (Cl) 0,005%



R: 35 S: 22-26
disposal: 2

04601 Phosphorus oxide chloride
A 8/11A *Phosphore oxychlorure / Fósforo oxiclururo*
C 8 1810 2 POCl_3 $M = 153,33 \text{ g/mol}$ 1 L $\approx 1,67 \text{ kg}$

assay 99%
boiling range $106 - 108^\circ \text{C}$
lead (Pb) 0,0001%
iron (Fe) 0,00005%
copper (Cu) 0,00005%
nickel (Ni) 0,0001%

Phosphorus pentachloride see Phosphorus(V) chloride

Phosphorus pentasulphide see Phosphorus(V) sulphide

Phosphorus pentoxide see Phosphorus(V) oxide

FL.	500 ml	14,—	11,90	11,20	10,—
FL.	1 L	24,—	20,40	19,20	18,—
STP.	40 kg	price on request			
F.	160 kg	price on request			

2814

WG.	1 kg	19,50	16,60	15,60	15,—
BLT.	100 kg	price on request			

2814

PF.	250 g	11,—	9,35	8,80	8,—
PF.	500 g	17,50	14,90	14,—	13,—
PF.	1 kg	32,25	27,40	25,80	24,—
BLT.	80 kg	price on request			

2810

WG.	1 L	17,50	14,90	14,—	13,—
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2810

PF.	500 g	11,—	9,35	8,80	8,—
PF.	1 kg	20,—	17,—	16,—	15,—
PF.	2,5 kg	42,25	35,05	32,95	31,—
BLT.	80 kg	kg	7,30		
BLT.	5x	kg	6,80		

2810

FL.	500 ml	12,—	10,20	9,60	9,—
FL.	1 L	22,—	18,70	17,60	16,—
FL.	2,5 L	46,50	38,60	36,25	34,—
STP.	45 kg	price on request			
F.	190 kg	price on request			

2814

e-Number ADR VE/GGVS OG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
Phosphorus salt see Sodium ammonium hydrogen phosphate							
04	Phosphorus(V) sulphide	BL.	500 g	10,50	8,95	8,40	8,10
1/8	Phosphore(V) sulfure / Fósforo(V) sulfuro	BL.	1 kg	18,75	15,95	15,—	14,45
1340 2	P ₂ S ₅ M = 222,28 g/mol	BLT.	100 kg	price on request			
	assay of phosphorus (P)	2815					
	assay of sulphur (S)						
	  R: 11-20/22-29 disposal: 29						
44	Phosphorus(V) sulphide pyridine complex PROSYNTH®	BL.	100 g	65,—	55,25	52,—	48,75
1/8	Phosphore(V) sulfure pyridine complexe / Fósforo(V)	2815					
1340 2	sulfuro piridina complejo						
	P ₄ S ₁₀ · 4C ₅ H ₅ N						
	C ₂₀ H ₂₀ N ₄ P ₄ S ₁₀ M = 760,95 g/mol						
	assay						
	  R: 11-20/22-29 disposal: 29						
Phosphorus sulphuric acid for the determination of nitrogen according to Kjeldahl see Sulphuric acid with phosphorus pentoxide							
Phosphorus tribromide see Phosphorus(III) bromide							
Phosphorus trichloride see Phosphorus(III) chloride							
Phosphoryl chloride see Phosphorus oxide chloride							
Phosphotungstic acid see Tungstophosphoric acid							
Photographic Dyes							
The registered trade mark PINA® designates the following chemicals for the photographic industry.							
Sensitizers							
Desensitizers							
Stabilizers							
Antihalation dyes							
Filter dyes							
Colouring dyes							
and other auxiliaries.							
Samples will be sent on request. When sending enquiries please refer to PINA® dyes.							
990	Phthalaldehydic acid PROSYNTH®	WG.	10 g	9,50	8,10	7,60	7,15
	Acide phtalaldéhydique / Acido ftalaldehídico	2916					
	OHCC ₆ H ₄ COOH						
	C ₈ H ₆ O ₃ M = 150,13 g/mol						
	assay (alkalimetric)						
	melting range						
3503	Phthaldialdehyde R. G.	WG.	5 g	46,—	39,10	36,80	34,50
	Dialdéhyde phtalique / Ftaldialdehído	2911					
	C ₈ H ₆ O ₂ M = 134,13 g/mol						
727	Phthaldialdehyde PROSYNTH®	WG.	10 g	40,50	34,45	32,40	30,40
	Dialdéhyde phtalique / Ftaldialdehído	2911					
	C ₆ H ₄ (CHO) ₂						
	C ₈ H ₆ O ₂ M = 134,13 g/mol						
	assay						
	melting range						
	keep in refrigerator						
	à stocker dans le frigidaire						
	almacenaje en la nevera						

Code Number
A) RID/ADR
B) GGVE/GGVS
C) MDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

9
(16 Boxes)

62696 iso-Phthaldialdehyde PROSYNTH®
Dialdéhyd iso-phtalique / iso-Ftaldialdehido

$C_6H_4(CHO)_2$

$C_6H_6O_2$ $M = 134,13$ g/mol

assay (GC) 98%

melting range 86–89 °C

WG.
2911

5 g

24,—

20,40

19,20

18

33533 Phthalein purple indicator for metal titration
Pourpre de phtaléine / Ftaleína púrpura

$C_{32}H_{32}N_2O_{12}$ $M = 636,61$ g/mol

FL.
2935

1 g

32,25

27,40

25,80

24

33534 Phthalic acid R. G.
Acide phtalique / Acido ftálico

$C_6H_4(COOH)_2$

$C_8H_6O_4$ $M = 166,13$ g/mol

assay (acidimetric) min. 99,5%

sulphated ash max. 0,02%

heavy metals (as Pb) max. 0,001%

chloride (Cl) max. 0,001%

sulphate (SO₄) max. 0,002%

PF.
2915

250 g

16,50

14,05

13,20

12

62697 iso-Phthalic acid PROSYNTH®
Acide iso-phtalique / Acido iso-ftálico

$C_6H_4(COOH)_2$

$C_8H_6O_4$ $M = 166,13$ g/mol

assay (alkalimetric) 99%

Phthalic acid-bis-3,3,5-trimethylhexylester see Dinonyl phthalate

Phthalic acid dinitrile see Phthalodinitrile

Phthalic acid monopotassium salt see Potassium hydrogen phthalate

PF.
2915

1 kg

17,50

14,90

14,—

13

60258 Phthalic anhydride PROSYNTH®
Anhydride phtalique / Anhidrido ftálico

C 8 2214 3

$C_6H_4(CO)_2O$

$C_8H_4O_3$ $M = 148,12$ g/mol

assay 99%

melting range 130–132 °C



R: 36/37/38 disposal: 21

PF.
2915

1 kg

15,—

12,75

12,—

1

62991 Phthalide PROSYNTH®
Phtalide / Ftalida

$C_6H_4CH_2OCO$

$C_8H_6O_2$ $M = 134,13$ g/mol

assay (GC) 99%

melting range 72–74 °C

PF.
2935

100 g

25,75

21,90

20,60

1

62992 Phthalimide PROSYNTH®
Phtalimide / Ftalimida

$C_6H_4CONHCO$

$C_8H_5NO_2$ $M = 147,13$ g/mol

assay 98%

melting range 232–235 °C

PF.
2926

500 g

12,—

10,20

9,60

64801 Phthalimide-potassium PROSYNTH®
Phtalimide-potassium / Ftalimida-potasio

$C_6H_4CONKCO$

$C_8H_4KNO_2$ $M = 185,22$ g/mol

assay 98%

WG.
2926






100 g

23,—

19,55

18,40

1

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
6030	Phthalodinitrile	PF.	1 kg	44,75	38,05	35,80	34,45
6.1/21A.	<i>Phtalodinitrile / Ftalodinitrilo</i>	2927					
6.1 1935 1	C ₆ H ₄ (CN) ₂ C ₈ H ₄ N ₂ M = 128,13 g/mol assay 98% phthalimide 2%						
3586	iso-Phthalodinitrile PROSYNTH®	WG.	100 g	17,75	15,10	14,20	13,30
6.1/21 A	<i>iso-Phtalodinitrile / iso-Ftalodinitrilo</i>	2927					
6.1 2811 2	C ₆ H ₄ (CN) ₂ C ₈ H ₄ N ₂ M = 128,13 g/mol assay (ex N) 98% melting range 159–161 °C						
	 R: 23/24/25 S: 44 disposal: 15						
4803	Phthaloyl dichloride PROSYNTH®	FL.	250 ml	75,50	64,20	60,40	56,65
8/22	<i>Phtaloyle dichlorure / Acido ftálico dicloruro</i>	FL.	1 L	251,—	213,35	200,80	193,25
8 1760 2	C ₆ H ₄ (COCl) ₂ C ₈ H ₄ Cl ₂ O ₂ M = 203,02 g/mol 1 L ≈ 1,41 kg assay (ex Cl) 97% boiling range (at 15 mbar) 131–134 °C refractive index (n _D ²⁰) 1,568	2915					
	 R: 34 S: 26 disposal: 21						
34648	iso-Phthaloyl dichloride PROSYNTH®	WG.	100 g	31,75	27,—	25,40	23,80
A 8/12	<i>iso-Phtaloyle dichlorure / Acido iso-ftálico dicloruro</i>	2915					
8 1759 2	C ₆ H ₄ (COCl) ₂ C ₈ H ₄ Cl ₂ O ₂ M = 203,02 g/mol assay (ex Cl) 98% melting range 41–43 °C						
	 R: 34 S: 26 disposal: 21						
39222	Phytol BIOSYNTH®	FL.	25 ml	57,50	48,90	46,—	43,15
	<i>Phytol / Fitol</i>	2904					
	C ₂₀ H ₄₀ O M = 296,54 g/mol 1 L ≈ 0,85 kg						
60259	2-Picoline PROSYNTH®	FL.	500 ml	18,—	15,30	14,40	13,85
C 3.3 2313 2	<i>2-Picoline / 2-Picolina</i>	2935					
+28 °C	N = CHCH = CHCH = CH ₃ C ₆ H ₇ N M = 93,13 g/mol 1 L ≈ 0,94 kg assay (GC) 99% boiling range 127–129 °C refractive index (n _D ²⁰) 1,500						
	 R: 10-20/21/22 disposal: 6						
62995	3-Picoline PROSYNTH®	FL.	250 ml	17,50	14,90	14,—	13,15
C 3.3 2313 2	<i>3-Picoline / 3-Picolina</i>	2935					
+40 °C	N = CHC(CH ₃) = CHCH = CH ₃ C ₆ H ₇ N M = 93,13 g/mol 1 L ≈ 0,96 kg assay (GC) 98% boiling range 142–144 °C refractive index (n _D ²⁰) 1,504						
	 R: 20/21/22 S: 28 disposal: 6						

Code Number
A: Riedel-ADR
B: GSV/AGVS
C: MDG-Code (GSV-See)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

62996 4-Picoline PROSYNTH®
C 3.3 2313 2 4-Picoline / 4-Picolina
+40°C

$N=CHCH=C(CH_3)CH=CH$
 C_6H_7N $M=93,13$ g/mol 1 L ≈ 0,96 kg
assay (GC) 97%
boiling range 143–145 °C
refractive index (n_D^{20}) 1,504



R: 20/21/22 S: 28
disposal: 6

Picolinic acid see 2-Pyridinecarboxylic acid

65088 3-Picolylamine PROSYNTH®
A 8/35 3-Picolylamine / 3-Picolilamina
C 8 1719 2

$N=CHC(CH_2NH_2)=CHCH=CH$
 $C_8H_8N_2$ $M=108,14$ g/mol 1 L ≈ 1,07 kg
assay (GC) 99%
boiling range (at 1,3 mbar) 72–74 °C
refractive index (n_D^{20}) 1,550

33600 Picric acid R. G., Reag. Ph. Eur. I (with 0,5 ml H₂O/g)
C 4.1 1344 1 Acide picrique / Acido picrico

$(NO_2)_3C_6H_2OH$
 $C_6H_3N_3O_7$ $M=229,11$ g/mol
(all data for water-free substance)
assay min. 99,8%
melting range 120–122 °C
insoluble in water max. 0,03%
insoluble in benzene max. 0,1%
sulphated ash max. 0,02%
chloride (Cl) max. 0,0005%
sulphate (SO₄) max. 0,005%



R: 2-4-23/24/25 S: 28-35-37-44
disposal: 20

27745 Picric acid B. P. 1973 App. IA (with 0,5 ml H₂O/g)
C 4.1 1344 1 Acide picrique / Acido picrico

$C_6H_2(OH)(NO_2)_3$
 $C_6H_3N_3O_7$ $M=229,11$ g/mol
(all data for water-free substance)
assay 99%
melting range 120–121 °C
insoluble in benzene 0,05%
residue on ignition 0,02%
chloride (Cl) 0,0005%
nitrate (NO₃) 0,002%
sulphate (SO₄) 0,01%



R: 2-4-23/24/25 S: 28-35-37-44
disposal: 20

36011 Picric acid solution 1,2%
Acide picrique en solution / Acido picrico en solución
1 L ≈ 1,00 kg

32953 Picrocarmin solution according to Weigert, for microscopy
Picrocarmine en solution / Picrocarmina en solución
1 L ≈ 1,00 kg

33536 Picrolonic acid R. G.
A 6.1/211 Acide picrolonique / Acido picrolónico
C 6.1 2811 2 $NO_2C_6H_4NN=C(CH_3)C(NO_2)=COH$
 $C_{10}H_8N_4O_5$ $M=264,20$ g/mol

assay min. 99%
sulphated ash max. 0,2%
suitability for precipitation of metals passes test

Picronitric acid see Picric acid



FL. 2935	500 ml	23,25	19,75	18,60	17,9
FL. 2935	100 ml	34,50	29,35	27,60	25,9
PF. PF. 2907	100 g 500 g	20,50 60,50	17,45 51,45	16,40 48,40	15,4 46,6
PF. PF. 2907	100 g 500 g	17,50 69,—	14,90 58,65	14,— 55,20	13,1 53,1
FL. FL. FL. 2907	500 ml 1 L 2,5 L	19,50 31,— 65,50	16,60 26,35 54,35	15,60 24,80 51,10	15,— 23,8 49,1
FL. 3819	250 ml	13,25	11,25	10,60	9,9
WG. WG. 2935	5 g 25 g	63,— 241,—	53,55 204,85	50,40 192,80	47,2 180,7

Code Number
A) R0740H
B) GGVE/GGVS
C) IMDG0000 (GGVSe)

Type of package
B.T.N.

Price per
package DM

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)

60260 **Piperidine PROSYNTH®**
A 3/5 *Pipéridine / Piperidina*
C 3.2 2401 2 CH2(CH2)4NH 1 L ≈ 0,86 kg
+3°C C5H11N M = 85,15 g/mol 98%
assay (GC) 104–106 °C
boiling range 1,453
refractive index (n_D²⁰)
  R: 11-23/24-34 S: 16-26-27-44
disposal: 19


FL. 250 ml 22,— 18,70 17,60 16,1
2935

64593 **1-Piperidinecarbaldehyde PROSYNTH®**
1-Pipéridinecarbaldéhyde / 1-Piperidincarbaldéhido
HCON(CH2)4CH2 1 L ≈ 1,02 kg
C6H11NO M = 113,16 g/mol 98%
assay (GC) 220–222 °C
boiling range 1,485
refractive index (n_D²⁰)

FL. 50 ml 58,50 49,75 46,80 43,9
2935

63729 **4-Piperidinecarboxylic acid PROSYNTH®**
Acide pipéridinecarboxylique-(4) / Acido piperidincarboxílico-(4)
CH2CH2NHCH2CH2CHCOOH
C6H11NO2 M = 129,16 g/mol 97%
assay

WG. 25 g 16,50 14,05 13,20 12,4
2935

62999 **Piperidinium chloride PROSYNTH®**
Pipéridine chlorhydrate / Piperidina clorhidrato
NH(CH2)4CH2 · HCl
C5H12ClN M = 121,61 g/mol 98%
assay (ex Cl) 242–245 °C
melting range
 R: 23/24/25-34 S: 26-44
disposal: 7

WG. 500 g 151,— 128,35 120,80 116,
2935

63000 **2-Piperidinoethanol PROSYNTH®**
2-Pipéridinoéthanol / 2-Piperidinoetanol
CH2(CH2)4NCH2CH2OH 1 L ≈ 1,01 kg
C7H15NO M = 129,20 g/mol 98%
assay (ex N) 199–201 °C
boiling range 1,478
refractive index (n_D²⁰)

FL. 100 ml 26,25 22,30 21,— 19,
2935

Piperidinol see 1-Hydroxypiperidine

63001 **Piperine PROSYNTH®**
Pipérine / Piperina
OCH2OC6H3CH=CHCH=CHCON(CH2)4CH2
C17H19NO3 M = 285,34 g/mol 98%
assay (GC) 129–130 °C
melting range


WG. 10 g 37,— 31,45 29,60 27,
2942

Piperinic acid piperide see Piperine

Piperonale see Heliotropin

64806 **Piperonyl alcohol PROSYNTH®**
Alcool pipéronylique / Alcohol piperonílico
OCH2OC6H3CH2OH
C8H8O3 M = 152,15 g/mol 98%
assay (GC) 50–52 °C
melting range

WG. 100 g 50,50 42,95 40,40 37,
2905

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
3003	Piperonylamine PROSYNTH® <i>Pipéronylamine / Piperonilamina</i> <chem>OCH2OC6H3CH2NH2</chem> C ₈ H ₉ NO ₂ M = 151,17 g/mol 1 L ≈ 1,22 kg assay (GC) 98% boiling range (at 16 mbar) 135–137 °C refractive index (n _D ²⁰) 1,565	FL. 2922	50 ml	61,50	52,30	49,20	46,15
35749	Piperonyl butoxide min. 99% PESTANAL® (3,4-Methylendioxy-6-propyl-benzyl-n-butyl-diethylene glycol ether) C ₁₉ H ₃₀ O ₅ M = 338,44 g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2910	2 g	56,50	48,05	45,20	42,40
16535	Pivalaldehyde <i>Aldéhyde pivalique / Aldehido piválico</i> (CH ₃) ₃ CCHO C ₅ H ₁₀ O M = 86,13 g/mol 1 L ≈ 0,77 kg assay (GC) 75%	FL. 2911	100 ml	81,50	69,30	65,20	61,15
	 R: 11 S: 7-16 disposal: 19						
63005	Pivalic anhydride PROSYNTH® <i>Anhydride pivalique / Anhídrido piválico</i> [(CH ₃) ₃ CCO] ₂ O C ₁₀ H ₁₈ O ₃ M = 186,25 g/mol 1 L ≈ 0,92 kg assay (GC) 98% boiling range 191–193 °C refractive index (n _D ²⁰) 1,409	FL. 2914	100 ml	43,75	37,20	35,—	32,80
63006	Pivalonitrile PROSYNTH® <i>Pivalonitrile / Pivalonitrilo</i> (CH ₃) ₃ CCN C ₅ H ₉ N M = 83,13 g/mol 1 L ≈ 0,75 kg assay (GC) 98% boiling range 104–106 °C refractive index (n _D ²⁰) 1,377	FL. 2927	25 ml	26,25	22,30	21,—	19,70
60396	Pivaloyl chloride PROSYNTH® <i>Pivaloyle chlorure / Pivaloilo cloruro</i> (CH ₃) ₃ CCOCl C ₅ H ₉ ClO M = 120,58 g/mol 1 L ≈ 0,98 kg assay (GC) 98% boiling range 105–107 °C refractive index (n _D ²⁰) 1,412	FL. 2914	100 ml	13,50	11,50	10,80	10,15
	Plaster of Paris see Calcium sulphate						
	Platinic acid potassium salt see Potassium hexachloroplatinate						
64153	Platinum (Platinum black) <i>Platine (Noir de platine) / Platino (Negro de platino)</i> Pt M = 195,09 g/mol assay 98%	WG. 7109	1 g	price on request			
64154	RCH Platinum catalyst 50/6 powder 5 wt. % Pt/activated carbon <i>Catalyseur RCH platine 50/6 / Catalizador de platino 50/6 RCH</i> assay of Pt 5% granulation less than 32 µm 80% specific surface area (BET) 700–800 m ² /g pour weight 0,28 g/ml	WG. 3819	10 g	price on request			

Code-Number A) RID/ADH B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
63007	RCH Platinum catalyst 100/6 powder 10 wt. % Pt/activated carbon <i>Catalyseur RCH platine 100/6 / Catalizador de platino RCH 100/6</i> assay of Pt 10% particle size smaller than 32 µm 80% specific surface area (BET) 700-800 m ² /g pour weight 0,28 g/ml	WG. 2849	5 g	price on request			
12505	Platinum catalyst fibre 10 wt. % Pt/asbestos <i>Catalyseur de platine fibre / Catalizador de platino fibra</i> assay of Pt 10%	FL. FL. 3819	1 g 10 g	price on request price on request			
63008	Platinum(II) chloride PROSYNTH® <i>Platine(II) chlorure / Platino(II) cloruro</i> package of 1 g PtCl ₂ M = 266,00 g/mol assay 99%	2849	1 pack	price on request			
64809	Platinum(IV) chloride PROSYNTH® <i>Platine(IV) chlorure / Platino(IV) cloruro</i> PtCl ₄ M = 336,90 g/mol assay 98%	FL. 2849	1 g	price on request			
63009	Platinum(IV) chloride see also Chloroplatinic acid Platinum(IV) oxide powder, 83 wt. % Pt, hydrogenation catalyst according to Adams <i>Platine(IV) oxyde / Platino(IV) óxido</i> PtO ₂ M = 227,09 g/mol assay of Pt 83% particle size smaller than 32 µm 95% pour weight 0,8 g/ml	A. 2849	1 g	price on request			
33590	Polyamide 6 D for thin-layer chromatography <i>Polyamide 6 D / Poliamida 6 D</i> pour density 0,25 g/ml	PF. PF. 3901	250 g 1 kg	131,—	111,35	104,80	98,25
33591	Polyamide 6 DF for thin-layer chromatography, with luminous pigment addition for short-wave UV (254 nm) <i>Polyamide 6 DF / Poliamida 6 DF</i> pour density 0,25 g/ml	PF. PF. 3901	250 g 1 kg	117,—	99,45	93,60	87,75
33612	Polyamide 6 S for column chromatography <i>Polyamide 6 S / Poliamida 6 S</i> granulation less than 160 µm pour density 0,25 g/ml	WG. 3901	250 g	62,50	53,15	50,—	46,90
39821	Polyamide 6 HPLC 0,005—0,020 mm (5—20 µm) for high-pressure-liquid chromatography <i>Polyamide 6 HPLC / Poliamida 6 HPLC</i>	WG. 3819	10 g	60,—	51,—	48,—	45,—
39827	Polyamide 6 HPLC 0,020—0,032 mm (20—32 µm) for high-pressure-liquid chromatography <i>Polyamide 6 HPLC / Poliamida 6 HPLC</i>	WG. 3819	10 g	60,—	51,—	48,—	45,—
63010	Polychrom® see Esculin Polyethylene glycol 200 PROSYNTH® <i>Polyéthylèneglycol 200 / Polietilenglicol 200</i> HO(C ₂ H ₄ O) _n H 1 L ≈ 1,12 kg mean MM 190—210 hydroxyl number 533—589	FL. 3901	1 L	23,50	20,—	18,80	18,10

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
3011	Polyethylene glycol 300 PROSYNTH® <i>Polyéthylèneglycol 300 / Polietilenglicol 300</i> HO(C ₂ H ₄ O) _n H mean MM 285—315 hydroxyl number 356—392	FL. 3901	1 L	23,50	20,—	18,80	18,10
3012	Polyethylene glycol 400 PROSYNTH® <i>Polyéthylèneglycol 400 / Polietilenglicol 400</i> HO(C ₂ H ₄ O) _n H mean MM 380—420 hydroxyl number 271—299	FL. 3901	1 L	23,50	20,—	18,80	18,10
3013	Polyethylene glycol 600 PROSYNTH® <i>Polyéthylèneglycol 600 / Polietilenglicol 600</i> HO(C ₂ H ₄ O) _n H mean MM 570—630 hydroxyl number 178—197	FL. 3901	1 L	26,25	22,30	21,—	20,20
3014	Polyethylene glycol 1000 PROSYNTH® <i>Polyéthylèneglycol 1000 / Polietilenglicol 1000</i> HO(C ₂ H ₄ O) _n H mean MM 950—1050 melting range 35—40 °C hydroxyl number 107—118 °C	PF. 3404	1 L	23,50	20,—	18,80	18,10
3015	Polyethylene glycol 1540 PROSYNTH® <i>Polyéthylèneglycol 1540 / Polietilenglicol 1540</i> HO(C ₂ H ₄ O) _n H mean MM 1440—1640 melting range 42—48 °C hydroxyl number 70—80	PF. 3404	1 kg	23,50	20,—	18,80	18,10
3016	Polyethylene glycol 2000 PROSYNTH® <i>Polyéthylèneglycol 2000 / Polietilenglicol 2000</i> HO(C ₂ H ₄ O) _n H mean MM 1900—2200 hydroxyl number 51—59 melting range 48—52 °C	PF. 3404	1 kg	23,50	20,—	18,80	18,10
3016	Polyethylene glycol 4000 PROSYNTH® <i>Polyéthylèneglycol 4000 / Polietilenglicol 4000</i> HO(C ₂ H ₄ O) _n H mean MM 3500—4500 melting range 53—58 °C hydroxyl number 23—29	PF. 3404	1 kg	23,50	20,—	18,80	18,10
3017	Polyethylene glycol 6000 PROSYNTH® <i>Polyéthylèneglycol 6000 / Polietilenglicol 6000</i> HO(C ₂ H ₄ O) _n H mean MM 5000—7000 melting range 55—60 °C hydroxyl number 16—20	PF. 3404	1 kg	23,50	20,—	18,80	18,10
3017	Polyethylene glycol 10 000 PROSYNTH® <i>Polyéthylèneglycol 10 000 / Polietilenglicol 10 000</i> HO(C ₂ H ₄ O) _n H mean MM 8500—11500 hydroxyl number 9,6—13 melting range 55—60 °C	PF. 3404	1 kg	23,50	20,—	18,80	18,10
60500	Polyethylene glycol dimethyl ether 200 PROSYNTH® <i>Ether diméthylique de polyéthylèneglycol 200 / Eter dimetilico del polietilenglicol 200</i> 1 L ≈ 1,03 kg mean MM 220 refractive index (n _D ²⁰) 1,439 hydroxyl number 10	PF. PF. 3901	50 ml 1 L	12,75 price on request	10,85	10,20	9,55

Code-Number
A) Riedel-AG
B) GGGV-AG
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Polyethylene glycol-mono-[p-(1,1,3,3-tetramethylbutyl)-phenyl]ether see Triton® X 305

Polyoxyethylene lauryl ether see Brij® 35

Polyoxymethylene see Paraformaldehyde

POLYPEHA® indicator paper see Indicator and reagent papers

04101
C 8 1760 2

Polyphosphoric acid

Acide polyphosphorique / Acido polifosfórico

$H_n + 2P_nO_{3n+1}$

84%
assay (P_2O_5) 0,0008%
arsenic (As) 0,0001%
lead (Pb) 0,002%
iron (Fe) 0,0001%
copper (Cu)



R: 34 S: 26
disposal: 1

64127

Polypropylene glycol 1025 PROSYNTH®

Polypropylèneglycol 1025 / Polipropilenglicol 1025

$HOCH_2[CH(CH_3)OCH_2]_nCHOHCH_3$

1 L ≈ 1,00 kg

mean MM 975—1075

39645

Polypropylene glycol 1025 for gas chromatography
Polypropylèneglycol 1025 / Polipropilenglicol 1025

$HOCH_2[CH(CH_3)OCH_2]_nCHOHCH_3$

1 L ≈ 1,00 kg

mean MM 975—1075
working temperature to 150 °C

39646

Polypropylene glycol 2025 for gas chromatography
Polypropylèneglycol 2025 / Polipropilenglicol 2025

$HOCH_2[CH(CH_3)OCH_2]_nCHOHCH_3$

1 L ≈ 0,92 kg

mean MM 1950—2100
working temperature to 175 °C

39644

Polypropylene glycol 425 for gas chromatography
Polypropylèneglycol 425 / Polipropilenglicol 425

$HOCH_2[CH(CH_3)OCH_2]_nCHOHCH_3$

1 L ≈ 1,02 kg

mean MM 400—450
working temperature to 130 °C

09069

Polystyrene-d_x deuteration degree not less than 99 atom% D
Polystyrène-d_x / Poliestireno-d_x

$(C_6D_5CD = CD_2)_x$

$(C_6D_8)_x$ $M = (112,09)_x$ g/mol

63018

Polyvinyl alcohol PROSYNTH®

Alcool polyvinylique / Alcohol polivinílico

viscosity (4% in H₂O at 20 °C) 4—6 mPa s

Polyvinylpyrrolidon see Kollidon® and Luviskol®-K. Please ask for the relevant list.

56014

POPOP for scintillation [2,2'-p-Phenylenebis-(5-phenyloxazole)]

$OC(C_6H_5) = CHN = C(C_6H_5)C = NCH = C(C_6H_5)O$

$C_{24}H_{16}N_2O_2$ $M = 364,40$ g/mol

melting range 241—243 °C

39642

Porapak® N 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography

Porapak® N / Porapak® N

® = trade mark of Waters Assoc., Inc

package of 24 g

PF.
PF.
PF.
FPD.
2810

500 g
1 kg
2,5 kg
50 kg

13,25 11,25 10,60 10,20
24,— 20,40 19,20 18,50
51,— 42,35 39,80 38,20
price on request

FL.
3901

1 L 35,— 29,75 28,— 26,90

FL.
3901

50 ml 14,25 12,10 11,40 10,70

FL.
3901

50 ml 14,25 12,10 11,40 10,70

FL.
3901

50 ml 14,25 12,10 11,40 10,70

A.
2851

5 g 562,— 477,70 449,60 421,50

PF.
3902

1 kg 35,50 30,20 28,40 27,30

PF.
PF.
PF.
2935

25 g 64,50 54,85 51,60 48,40
100 g 219,— 186,15 175,20 164,20
1 kg 1656,— 1407,60 1324,80 1275,10

3819

1 pack 325,— 276,25 260,— 243,70

Item-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
543 Porapak® P 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® P / Porapak® P</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
535 Porapak® P 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
536 Porapak® P-S 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
544 Porapak® P-S 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® P-S / Porapak® P-S</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
545 Porapak® Q 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® Q / Porapak® Q</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
537 Porapak® Q 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
546 Porapak® Q-S 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® Q-S / Porapak® Q-S</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
538 Porapak® Q-S 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
547 Porapak® R 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® R / Porapak® R</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
539 Porapak® R 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
548 Porapak® S 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® S / Porapak® S</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
540 Porapak® S 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 250 °C	3819	1 pack	325,—	276,25	260,—	243,75
549 Porapak® T 0,125—0,150 mm (100—120 mesh ASTM) for gas chromatography <i>Porapak® T / Porapak® T</i> package of 24 g	3819	1 pack	325,—	276,25	260,—	243,75
541 Porapak® T 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography package of 24 g working temperature to 190 °C	3819	1 pack	325,—	276,25	260,—	243,75

Code-Number

A) RIDADR

B) GGV/UGVS

C) IMDG-CODE (GGVSee)

Type of package
B.T.N.



Price per
package DM


1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

39534	Porapak® N 0,150—0,180 mm (80—100 mesh ASTM) for gas chromatography ® = trade mark of the Waters Assoc., Inc. working temperature to 200 °C Potash see Potassium carbonate package of 24 g	3819	1 pack	325,—	276,25	260,—	243,—
12621	Potassium cylindrical pieces (about 8 g) <i>Potassium / Potasio</i> K M = 39,10 g/mol assay 98% calcium (Ca) 0,005% iron (Fe) 0,002% sodium (Na) 0,5% heavy metals (as Pb) 0,002% chloride (Cl) 0,01%   R: 14-15-34 S: 5A-8-43A disposal: 28	WG. WG. 2805	100 g 500 g	20,— 82,—	17,— 69,70	16,— 65,60	15,— 63,—
38606	0,100 g Potassium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Potassium / 0,100 g Potasio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,—
38655	0,100 g organo-Potassium FIXANAL® petroleum ether-soluble standard for atom absorption <i>0,100 g organo-Potassium / 0,100 g organo-Potasio</i> + 25 °C R: 10 ampoule	3819	1 pack	33,75	28,70	27,—	25,—
38562	1,00 g Potassium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Potassium / 1,00 g Potasio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,—
38865	10,00 g Potassium FIXANAL® as Potassium chloride <i>10,00 g Potassium / 10,00 g Potasio</i> ampoule	3819	1 pack	18,75	15,95	15,—	14,—
32309	Potassium acetate R. G. <i>Potassium acétate / Potasio acetato</i> CH ₃ COOK C ₂ H ₃ KO ₂ M = 98,14 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 7—9 calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% magnesium (Mg) max. 0,001% sodium (Na) max. 0,1% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,002% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,005%	PF. PF. PF. FTP. 2914	250 g 500 g 1 kg 50 kg	13,75 22,— 40,75 kg	11,70 18,70 34,65 22,—	11,— 17,60 32,60	10,— 16,— 31,—
25014	Potassium acetate chem. pure, DAC, B. P. 1973; U. S. P. XIX <i>Potassium acétate / Potasio acetato</i> CH ₃ COOK C ₂ H ₃ KO ₂ M = 98,14 g/mol assay 99,5% loss on drying (150 °C) 0,5% pH (5%, 20 °C) 7,5—8,5 aluminium (Al) 0,005% arsenic (As) 0,0001% calcium (Ca) 0,005% iron (Fe) 0,001% magnesium (Mg) 0,005% sodium (Na) 0,4% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,005%	PF. PF. PF. S. S. 2914	500 g 1 kg 2,5 kg 40 kg 5x	10,25 18,50 39,— kg kg	8,70 15,75 32,35 5,90 5,40	8,20 14,80 30,40	7,— 14,— 29,—

e-Number D/ADR SVE/GGVs DDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
59	Potassium acetate powder for fabrication of penicillin <i>Potassium acétate / Potasio acetato</i> CH ₃ COOK C ₂ H ₃ KO ₂ M = 98,14 g/mol	S. 2914	25 kg	price on request		
63	Potassium acetate cryst., for fabrication of penicillin <i>Potassium acétate / Potasio acetato</i> CH ₃ COOK C ₂ H ₃ KO ₂ M = 98,14 g/mol	PF. S. 2914	1 kg 40 kg	price on request price on request		
17	Potassium acetate pure <i>Potassium acétate / Potasio acetato</i> CH ₃ COOK C ₂ H ₃ KO ₂ M = 98,14 g/mol assay 99% loss on drying (150 °C, 2 h) 1% heavy metals (as Pb) 0,005% chloride (Cl) 0,005% sulphate (SO ₄) 0,005%	PF. S. 2914	1 kg 40 kg	17,25 price on request	14,65 13,80 13,30	
	Potassium aluminium fluoride see Potassium hexafluoroaluminate					
625	Potassium aluminium sulphate calcined pure powder DAB 6 <i>Potassium-aluminium sulfate / Potasio y aluminio sulfato</i> KAl(SO ₄) ₂ M = 258,21 g/mol	PF. PF. S. 2838	1 kg 5 kg 50 kg	17,50 65,50 price on request	14,90 54,35	14,— 51,10 49,15
242	Potassium aluminium sulphate-12-hydrate R. G., Reag. ACS <i>Potassium-aluminium sulfate-12-hydrate / Potasio y aluminio sulfato-12-hidrato</i> KAl(SO ₄) ₂ · 12H ₂ O M = 474,39 g/mol assay min. 99% insoluble in water max. 0,005% ammonium (NH ₄) max. 0,005% arsenic (As) max. 0,0002% iron (Fe) max. 0,0005% sodium (Na) max. 0,02% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,0005%	PF. PF. 2838	500 g 1 kg	11,75 21,50	10,— 18,30	9,40 17,20 9,05 16,55
2623	Potassium aluminium sulphate-12-hydrate chem. pure crystalline powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Potassium-aluminium sulfate-12-hydrate / Potasio y aluminio sulfato-12-hidrato</i> KAl(SO ₄) ₂ · 12H ₂ O M = 474,39 g/mol assay 99,5% pH (10%, 20 °C) 3,0—3,5 ammonium (NH ₄) 0,05% arsenic (As) 0,0002% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,005%	PF. PF. S. 2838	1 kg 5 kg 50 kg	19,50 72,50 price on request	16,60 60,20	15,60 56,55 15,— 54,40
	Potassium antimonate see Potassium hexahydroxoantimonate(V)					
127	Potassium antimony tartrate pure DAB 6 <i>Potassium-antimoine tartrate / Potasio y antimonio tartrato</i> C ₄ H ₄ KO ₇ Sb · ½H ₂ O M = 333,93 g/mol assay 99,8% arsenic (As) 0,0005%	PF. PF. 2916	250 g 1 kg	price on request price on request		
6.1/75 6.1 1551 3	 R: 20/22 S: 22 disposal: 26					

Code-Number

A) RID/ADR
B) GGV/GGVS
C) IMDG-CODE (GGVSee)

11126 Potassium antimony tartrate pure powder DAB 6
A 61/75 Potassium-antimoine tartrate / Potasio y antimonio tartrato
C 61 1551 3 $\text{C}_4\text{H}_4\text{K}_2\text{O}_7\text{Sb} \cdot \frac{1}{2}\text{H}_2\text{O}$ $M = 333,93 \text{ g/mol}$

assay 99,8%
arsenic (As) 0,0005%



R: 20/22 S: 22
disposal: 26

Potassium baborate see Potassium tetraborate
Potassium bicarbonate see Potassium hydrogen carbonate
Potassium bichromate see Potassium dichromate
Potassium bifluoride see Potassium hydrogen fluoride
Potassium biiodate see Potassium hydrogen diiodate
Potassium biphosphate see Potassium dihydrogen phosphate
Potassium biphthalate see Potassium hydrogen phthalate
Potassium bisulphate see Potassium hydrogen sulphate
Potassium bisulphite (meta) see Potassium disulphite
Potassium bitartrate see Potassium hydrogen tartrate
Potassium borate (meta) see Potassium metaborate
Potassium borofluoride see Potassium fluoroborate

62712 Potassium borohydride PROSYNTH®
A 4.3/2B Potassium borohydride / Potasio borohidruro
C 4.3 1870 1 BH_4K $M = 53,94 \text{ g/mol}$



R: 15 S: 7/8-24/25-43A
disposal: 28

30205 Potassium bromate R. G., Reag. ACS, Reag. Ph. Eur. I
A 5.1 Potassium bromate / Potasio bromato
C 5.1 1484 2 KBrO_3 $M = 167,00 \text{ g/mol}$

assay min. 99,5%
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,1%
pH (5%, 20 °C) 5-9
free acid (as HBrO_3) max. 0,005%
free alkali (as KOH) max. 0,003%
iron (Fe) max. 0,0005%
sodium (Na) max. 0,01%
heavy metals (as Pb) max. 0,0005%
bromide (Br) max. 0,05%
sulphate (SO_4) max. 0,005%
total nitrogen (N) max. 0,001%



R: 9 S: 24/25-27
disposal: 16

02108 Potassium bromate pure
A 5.1 Potassium bromate / Potasio bromato
C 5.1 1484 2 KBrO_3 $M = 167,00 \text{ g/mol}$

assay 99,8%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
bromide (Br) 0,02%
sulphate (SO_4) 0,005%



R: 9 S: 24/25-27
disposal: 16

PF.
PF.
2916

250 g
1 kg

price on request
price on request

PF.
2857

100 g 56,— 47,60 44,80 42

PF.
PF.
2832

100 g 10,50 8,95 8,40 7
500 g 32,75 27,85 26,20 25

PF.
PF.
BLT.
2832

500 g 18,50 15,75 14,80 14
1 kg 33,— 28,05 26,40 25
50 kg price on request

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
80	¹/₆₀ mol Potassium bromate FIXANAL® 2,784 g KBrO₃ for 1 L 0,1 N solution <i>¹/₆₀ mol Potassium bromate / ¹/₆₀ mol Potasio bromato</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,55
206	Potassium bromide R. G., Reag. ACS, Reag. Ph. Eur. I <i>Potassium bromure / Potasio bromuro</i> KBr M=119,00 g/mol assay min. 99,5% insoluble in water max. 0,005% loss on drying (105 °C) max. 0,5% pH (5%, 20 °C) 5—8 barium (Ba) max. 0,002% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% magnesium (Mg) max. 0,001% sodium (Na) max. 0,02% heavy metals (as Pb) max. 0,0005% bromate (BrO ₃) max. 0,001% chloride (Cl) max. 0,01% iodide (I) max. 0,001% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. PF. FTP. 2830	250 g 500 g 1 kg 50 kg	11,25 17,25 31,50 kg	9,55 14,65 26,80 15,50	9,— 13,80 25,20	8,45 13,30 24,25
919	Potassium bromide SPECTRANAL® <i>Potassium bromure / Potasio bromuro</i> KBr M=119,00 g/mol suitability for spectroscopy passes test	WG. WG. 2830	100 g 1 kg	28,50 207,—	24,25 175,95	22,80 165,60	21,40 159,40
112	Potassium bromide chem. pure crystalline powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX, N. F. XII <i>Potassium bromure / Potasio bromuro</i> KBr M=119,00 g/mol assay (dried substance) 99,5% loss on drying (130 °C) 0,5% free alkali (as KOH) 0,01% ammonium (NH ₄) 0,0005% arsenic (As) 0,0001% barium (Ba) passes test calcium (Ca) 0,01% iron (Fe) 0,001% magnesium (Mg) 0,001% sodium (Na) 0,15% heavy metals (as Pb) 0,0005% bromate (BrO ₃) 0,001% chloride (Cl) 0,2% iodide (I) 0,01% sulphate (SO ₄) 0,005%	PF. PF. S. 2830	1 kg 5 kg 50 kg	20,— 75,50 price on request	17,— 62,65	16,— 58,90	15,40 56,65
2110	Potassium bromide chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX, N. F. XII <i>Potassium bromure / Potasio bromuro</i> KBr M=119,00 g/mol assay (dried substance) 99,5% loss on drying (130 °C) 0,5% free alkali (as KOH) 0,01% ammonium (NH ₄) 0,0005% arsenic (As) 0,0001% barium (Ba) passes test calcium (Ca) 0,01% iron (Fe) 0,001% magnesium (Mg) 0,001% sodium (Na) 0,15% heavy metals (as Pb) 0,0005% bromate (BrO ₃) 0,001% chloride (Cl) 0,2% iodide (I) 0,01% sulphate (SO ₄) 0,005%	PF. PF. PF. S. 2830	500 g 1 kg 5 kg 50 kg	11,25 19,50 73,50 kg	9,55 16,60 61,— 7,30	9,— 15,60 57,35	8,65 15,— 55,15
8090	0,1 mol Potassium bromide FIXANAL® 11,901 g KBr for 1 L 0,1 N solution <i>0,1 mol Potassium bromure / 0,1 mol Potasio bromuro</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70

Code-Number
 A) RID/ADR
 B) GGVE/GGVS
 C) IMDG-CODE (GGVSee)

Type of package
 B.T.N.

Price per
 package DM

1x 6x 24x 96x
 (1 Box) (4 Boxes) (16 Boxes)

64655 Potassium tert.-butylate PROSYNTH®
Potassium tert.-butylate / Potasio terc.-butilato
 A -
 B 4.1/12A (CH₃)₃COK
 C 4.1 1325 2 C₄H₉KO M = 112,21 g/mol
 assay (acidimetric) 98%

31245 Potassium carbonate R. G.
Potassium carbonate / Potasio carbonato
 K₂CO₃ M = 138,21 g/mol
 assay min. 99%
 insoluble in water max. 0,005%
 loss on ignition (600 °C) max. 1,0%
 aluminium (Al) max. 0,001%
 arsenic (As) max. 0,0001%
 calcium (Ca) max. 0,002%
 iron (Fe) max. 0,0005%
 magnesium (Mg) max. 0,001%
 sodium (Na) max. 0,05%
 heavy metals (as Pb) max. 0,001%
 chloride (Cl) max. 0,003%
 phosphate (PO₄) max. 0,002%
 silicate (SiO₂) max. 0,005%
 sulphate, sulphite, thiosulphate and
 sulphide (as SO₄) max. 0,005%
 nitrogen compounds (N) max. 0,001%

12611 Potassium carbonate pure granulated DAB 6
Potassium carbonate / Potasio carbonato
 K₂CO₃ M = 138,21 g/mol
 assay 99%
 arsenic (As) 0,0001%
 iron (Fe) 0,001%
 sodium (Na) 0,05%
 heavy metals (as Pb) 0,001%
 chloride (Cl) 0,004%
 sulphate (SO₄) 0,01%

12609 Potassium carbonate purified powder 98—100%
Potassium carbonate / Potasio carbonato
 K₂CO₃ M = 138,21 g/mol
 assay 98,5%
 arsenic (As) 0,0002%
 iron (Fe) 0,001%
 sodium (Na) 0,5%
 heavy metals (as Pb) 0,001%
 chloride (Cl) 0,005%
 sulphate (SO₄) 0,01%

31262 Potassium carbonate—sodium carbonate R. G., powder
Potassium carbonate—sodium carbonate / Potasio carbonato—sodio carbonato
 K₂CO₃/Na₂CO₃
 insoluble in water max. 0,005%
 aluminium (Al) max. 0,002%
 arsenic (As) max. 0,0001%
 calcium (Ca) max. 0,005%
 iron (Fe) max. 0,0005%
 magnesium (Mg) max. 0,001%
 heavy metals (as Pb) max. 0,001%
 chloride (Cl) max. 0,002%
 phosphate (PO₄) max. 0,002%
 silicate (SiO₂) max. 0,005%
 sulphur compounds (as SO₄) max. 0,005%
 total nitrogen (N) max. 0,001%

BL.
 2945

PF.
 PF.
 PF.
 FTP.
 2842

PF.
 PF.
 S.
 2842

PF.
 PF.
 S.
 2842

PF.
 PF.
 PF.
 FTP.
 3819

100 g	22,—	18,70	17,60	16,—
500 g	16,25	13,80	13,—	12,—
1 kg	27,—	22,95	21,60	20,—
5 kg	113,50	94,20	88,55	85,—
50 kg	kg	11,35		
1 kg	15,75	13,40	12,60	12,—
5 kg	57,—	47,30	44,45	42,—
50 kg	price on request			
1 kg	13,50	11,50	10,80	10,—
5 kg	50,—	41,50	39,—	37,—
50 kg	price on request			
250 g	10,75	9,15	8,60	8,—
1 kg	27,—	22,95	21,60	20,—
5 kg	104,—	86,30	81,10	78,—
50 kg	kg	11,50		

805

Code-Number
 A) RHD/ADR
 B) GGGV/EGGS
 C) IMDG-CODE IGGV/Seel

Type of package
 B.T.N.

Price per
 package DM

1x
 (1 Box)

6x
 (4 Boxes)

24x
 (16 Boxes)

96
 (16 Boxes)

31249 Potassium chloride R. G. (max. 0,005% Br)
Potassium chlorure / Potasio cloruro

KCl $M = 74,55 \text{ g/mol}$

assay	min. 99,5%
loss on drying (130 °C)	max. 0,2%
free acid (as HCl)	max. 0,003%
barium (Ba)	max. 0,001%
calcium (Ca)	max. 0,001%
iron (Fe)	max. 0,0002%
magnesium (Mg)	max. 0,0005%
sodium (Na)	max. 0,02%
heavy metals (as Pb)	max. 0,0005%
bromide (Br)	max. 0,005%
phosphate (PO ₄)	max. 0,0005%
sulphate (SO ₄)	max. 0,003%
total nitrogen (N)	max. 0,001%

PF.
 PF.
 3104

250 g	11,75	10,—	9,40	8,8
1 kg	30,75	26,15	24,60	23,7

12636 ○ Potassium chloride chem. pure cryst. Ph. Eur. I, B. P. 1973,
 Ph. Franç. IX, U. S. P. XIX, Ph. Nord 1963
Potassium chlorure / Potasio cloruro

KCl $M = 74,55 \text{ g/mol}$

assay	99,8%
loss on drying (130 °C, 2 h)	0,5%
free acid (as HCl)	0,003%
arsenic (As)	0,00005%
free alkali (as KOH)	0,005%
barium (Ba)	passes test
calcium (Ca)	0,002%
iron (Fe)	0,001%
magnesium (Mg)	0,005%
sodium (Na)	0,05%
heavy metals (as Pb)	0,0005%
bromide (Br)	0,1%
iodide (I)	passes test
sulphate (SO ₄)	0,01%

PF.
 PF.
 S.
 3104

1 kg	12,—	10,20	9,60	9,—
5 kg	37,75	31,35	29,45	28,—
50 kg	kg	2,70		

12637 Potassium chloride chem. pure powder Ph. Eur. I, B. P. 1973,
 Ph. Franç. IX, U. S. P. XIX, Ph. Nord 1963
Potassium chlorure / Potasio cloruro

KCl $M = 74,55 \text{ g/mol}$

assay	99,8%
loss on drying (130 °C, 2 h)	0,5%
free acid (as HCl)	0,003%
free alkali (as KOH)	0,005%
arsenic (As)	0,00005%
barium (Ba)	passes test
calcium (Ca)	0,002%
iron (Fe)	0,001%
magnesium (Mg)	0,005%
sodium (Na)	0,05%
heavy metals (as Pb)	0,0005%
bromide (Br)	0,1%
iodide (I)	passes test
sulphate (SO ₄)	0,01%

PF.
 PF.
 S.
 3104

1 kg	13,50	11,50	10,80	10,—
5 kg	49,50	41,10	38,60	37,—
50 kg	price on request			

31250 Potassium chromate R. G., Reag. ACS, Reag. Ph. Eur. I
Potassium chromate / Potasio cromato

K₂CrO₄ $M = 194,19 \text{ g/mol}$



assay	min. 99,5%
insoluble in water	max. 0,005%
pH (5%, 20 °C)	8,6—9,8
calcium (Ca)	max. 0,005%
iron (Fe)	max. 0,002%
sodium (Na)	max. 0,02%
chloride (Cl)	max. 0,001%
sulphate (SO ₄)	max. 0,005%

PF.
 PF.
 PF.
 2847

250 g	11,50	9,80	9,20	8,—
500 g	20,25	17,20	16,20	15,—
1 kg	37,25	31,65	29,80	28,—



R 36/37/38 S 22-28
 disposal: 16

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
249	Potassium chromate chem. pure Erg. B. 6 <i>Potassium chromate / Potasio cromato</i> K_2CrO_4 $M = 194,19$ g/mol assay 99% pH (5%, 20 °C) 8,5—10,0 calcium (Ca) 0,01 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,01 %  R: 36/37/38 S: 22-28 disposal: 16	PF. PF. PF. S. 2847	500 g 1 kg 5 kg 50 kg	13,75 25,— 104,50 price on request	11,70 21,25 86,75 price on request	11,— 20,— 81,50 price on request	10,60 19,25 78,40 price on request
250	Potassium chromate technical <i>Potassium chromate / Potasio cromato</i> K_2CrO_4 $M = 194,19$ g/mol assay 98% pH (5%, 20 °C) 8,5—10,0 chloride (Cl) 0,05 % sulphate (SO ₄) 0,2 %  R: 36/37/38 S: 22-28 disposal: 16	PF. S. 2847	5 kg 50 kg	87,50 price on request	72,65 price on request	68,25 price on request	65,65 price on request
5157	Potassium chromate solution $1/30$ mol/l 0,1 N volumetric solution <i>Potassium chromate en solution $1/30$ mol/l / Potasio cromato en solución $1/30$ mol/l</i> 1 L \approx 1,00 kg	FL. 3819	1 L	16,75	14,25	13,40	12,90
1246	Potassium chromium sulphate-12-hydrate R. G., Reag. ACS <i>Potassium-chrome sulfate-12-hydrate / Potasio y cromo sulfato-12-hidrato</i> $KCr(SO_4)_2 \cdot 12H_2O$ $M = 499,40$ g/mol assay min. 99% insoluble in water max. 0,01 % aluminium (Al) max. 0,02 % ammonium (NH ₄) max. 0,01 % iron (Fe) max. 0,01 % heavy metals (as Pb) max. 0,01 % chloride (Cl) max. 0,002 %	PF. PF. 2838	250 g 1 kg	20,— 58,—	17,— 49,30	16,— 46,40	15,— 44,65
2252	Potassium chromium sulphate-12-hydrate chem. pure <i>Potassium-chrome sulfate-12-hydrate / Potasio y cromo sulfato-12-hidrato</i> $KCr(SO_4)_2 \cdot 12H_2O$ $M = 499,40$ g/mol assay 98% insoluble in water 0,02 % iron (Fe) 0,03 % heavy metals (as Pb) 0,01 % chloride (Cl) 0,005 %	PF. PF. S. 2838	1 kg 5 kg 50 kg	13,75 51,— price on request	11,70 42,35 price on request	11,— 39,80 price on request	10,60 38,25 price on request
25107	Potassium citrate pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Potassium citrate / Potasio citrato</i> $HOC(COOK)(CH_2COOK)_2 \cdot H_2O$ $C_6H_5K_3O_7 \cdot H_2O$ $M = 324,41$ g/mol assay 99,5% pH (5%, 20 °C) 7—9 arsenic (As) 0,0001 % iron (Fe) 0,0005 % sodium (Na) 0,3 % heavy metals (as Pb) 0,0005 % chloride (Cl) 0,001 % oxalate (C ₂ O ₄) 0,02 % sulphate (SO ₄) 0,002 %	PF. S. 2916	1 kg 50 kg	21,50 price on request	18,30 price on request	17,20 price on request	16,55 price on request
62713 A 6.1/31A C 6.1 2811 2	Potassium cyanate PROSYNTH® <i>Potassium cyanate / Potasio cianato</i> $KOCN$ $M = 81,12$ g/mol assay (ex N) 98%	PF. 2844	1 kg	24,75	21,05	19,80	19,05

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

31252 Potassium cyanide R. G., Reag. ACS, Reag. ISO,
A 6.1/31A Reag. Ph. Eur. I
C 6.1 1080 1 Potassium cyanure / Potasio cianuro

KCN $M = 65,12 \text{ g/mol}$

assay	min. 97%
lead (Pb)	max. 0,0002%
iron (Fe)	max. 0,005%
sodium (Na)	max. 0,3%
chloride (Cl)	max. 0,02%
phosphate (PO ₄)	max. 0,005%
sulphate (SO ₄)	max. 0,005%
sulphide (S)	max. 0,0005%
thiocyanate (SCN)	max. 0,01%



R: 26/27/28-32 S: 1/2-7-28-29-45
disposal: 22

11812 Potassium cyanide chem. pure
A 6.1/31A Potassium cyanure / Potasio cianuro
C 6.1 1080 1 KCN $M = 65,12 \text{ g/mol}$

assay	97%
lead (Pb)	0,0005%
iron (Fe)	0,005%
sodium (Na)	0,3%
chloride (Cl)	0,02%
sulphate (SO ₄)	0,01%
sulphide (S)	0,001%



R: 26/27/28-32 S: 1/2-7-28-29-45
disposal: 22

11813 Potassium cyanide 96—98% (abt. 0,3% Na)
A 6.1/31A Potassium cyanure / Potasio cianuro
C 6.1 1080 1 KCN $M = 65,12 \text{ g/mol}$



R: 26/27/28-32 S: 1/2-7-28-29-45
disposal: 22

Potassium cyanoferrate see Potassium hexacyanoferrate

31255 Potassium dichromate R. G., Reag. ACS, Reag. ISO,
C 5.1 1464 2 Reag. Ph. Eur. I
Potassium dichromate / Potasio dicromato

K₂Cr₂O₇ $M = 294,18 \text{ g/mol}$

assay	99,8—100,2%
insoluble in water	max. 0,005%
loss on drying (105 °C)	max. 0,05%
lead (Pb)	max. 0,005%
calcium (Ca)	max. 0,002%
iron (Fe)	max. 0,002%
copper (Cu)	max. 0,001%
sodium (Na)	max. 0,01%
chloride (Cl)	max. 0,001%
sulphate (SO ₄)	max. 0,005%



R: 36/37/38 S: 22-28
disposal: 16

12255 Potassium dichromate chem. pure cryst.
C 5.1 1464 2 Potassium dichromate / Potasio dicromato

K₂Cr₂O₇ $M = 294,18 \text{ g/mol}$

assay	99,5%
calcium (Ca)	0,005%
chloride (Cl)	0,005%
sulphate (SO ₄)	0,02%



R: 36/37/38 S: 22-28
disposal: 16

PF.
PF.
PF.
2843

100 g	12,—	10,20	9,60	9,
250 g	21,75	18,50	17,40	16,
1 kg	68,—	57,80	54,40	52,

PF.
PF.
BLT.
2843

250 g	16,50	14,05	13,20	12,
1 kg	56,—	47,60	44,80	43,
50 kg	price on request			

PF.
PF.
BLT.
2843




1 kg	23,25	19,75	18,60	17,
5 kg	96,—	79,70	74,90	72,
50 kg	price on request			

PF.
PF.
PF.
FTP.
2847

250 g	10,25	8,70	8,20	7,
500 g	19,75	16,80	15,80	15,
1 kg	33,—	28,05	26,40	25,
50 kg	kg	16,80		

PF.
PF.
PF.
S.
2847

500 g	13,25	11,25	10,60	10,
1 kg	24,—	20,40	19,20	18,
5 kg	99,50	82,60	77,60	74,
50 kg	price on request			

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
2257	Potassium dichromate technical cryst.	PF.	1 kg	15,50	13,20	12,40	11,95
5.1 1464 2	<i>Potassium dichromate / Potasio dicromato</i>	PF.	5 kg	64,50	53,55	50,30	48,40
	$K_2Cr_2O_7$ $M = 294,18$ g/mol	S.	50 kg	price on request			
	assay 98 %	2847					
	chloride (Cl) 0,005 %						
	sulphate (SO ₄) 0,05 %						
	 R: 36/37/38 S: 22-28 disposal: 16						
8100	¹ / ₆₀ mol Potassium dichromate FIXANAL® 4,903 g K ₂ Cr ₂ O ₇ for 1 L 0,1 N solution	3819	1 pack	8,75	7,45	7,—	6,55
	¹ / ₆₀ mol Potassium dichromate / ¹ / ₆₀ mol Potasio dicromato ampoule						
	 R: 36/38 S: 2-26						
0201	Potassium dicyanoargentate abt. 54 % Ag	WG.	100 g	price on request			
6.1/31A	<i>Potassium dicyanoargentate / Potasio dicianoargentato</i>	2849					
6.1 1588 1	$K[Ag(CN)_2]$ $M = 199,00$ g/mol						
	 R: 23/24/25 S: 44 disposal: 24						
22334	Potassium dihydrogen citrate R. G., buffer substance	PF.	250 g	70,50	59,95	56,40	52,90
	<i>Potassium dihydrogénocitrate / Potasio dihidrógeno-citrato</i>	2916					
	$HOC(COOK)(CH_2COOH)_2$						
	$C_6H_7KO_7$ $M = 230,22$ g/mol						
30407	Potassium dihydrogen phosphate R. G., buffer substance,	PF.	250 g	10,75	9,15	8,60	8,05
	Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	PF.	500 g	20,25	17,20	16,20	15,60
	<i>Potassium dihydrogénophosphate / Potasio dihidrógeno-</i>	PF.	1 kg	31,50	26,80	25,20	24,25
	<i>fosfato</i>	FTP.	50 kg	kg	14,35		
	KH_2PO_4 $M = 136,09$ g/mol	2840					
	assay min. 99,5 %						
	insoluble in water max. 0,005 %						
	loss on drying (105 °C) max. 0,1 %						
	pH (2 %, 20 °C) 4,3—4,5						
	arsenic (As) max. 0,0001 %						
	iron (Fe) max. 0,0005 %						
	sodium (Na) max. 0,005 %						
	heavy metals (as Pb) max. 0,0005 %						
	chloride (Cl) max. 0,0005 %						
	sulphate (SO ₄) max. 0,003 %						
	total nitrogen (N) max. 0,001 %						
17917	Potassium dihydrogen phosphate PURANAL®	PF.	5 kg	price on request			
	<i>Potassium dihydrogénophosphate / Potasio dihidrógeno-</i>	2840					
	<i>fosfato</i>						
	KH_2PO_4 $M = 136,09$ g/mol						
04243	Potassium dihydrogen phosphate chem. pure DAC, cryst.	PF.	500 g	9,—	7,65	7,20	6,95
	<i>Potassium dihydrogénophosphate / Potasio dihidrógeno-</i>	PF.	1 kg	16,75	14,25	13,40	12,90
	<i>fosfato</i>	PF.	5 kg	64,—	53,10	49,90	48,—
	KH_2PO_4 $M = 136,09$ g/mol	S.	50 kg	price on request			
	assay 99 %	2840					
	pH (5 %, 20 °C) 4,2—4,5						
	arsenic (As) 0,0005 %						
	iron (Fe) 0,001 %						
	loss on drying (130 °C) 0,5 %						
	heavy metals (as Pb) 0,0005 %						
	chloride (Cl) 0,001 %						
	sulphate (SO ₄) 0,01 %						
	sodium (Na) 0,05 %						

Code Number

A) RHD-ADR

B) GGVE/AGVS

C) IMDG-CODE (GGVSee)

04244 Potassium dihydrogen phosphate chem. pure DAC powder
Potassium dihydrogénophosphate / Potasio dihidrógeno-
fosfato

 KH_2PO_4 $M = 136,09 \text{ g/mol}$

assay 99%
pH (5%, 20°C) 4,2-4,5
arsenic (As) 0,0005%
iron (Fe) 0,001%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
sulphate (SO_4) 0,01%
oxidizable impurities passes test

PF.
S.
2840

1 kg
50 kg

19,50 16,60 15,60 15,—
price on request

04245 Potassium dihydrogen phosphate pure cryst.
Potassium dihydrogénophosphate / Potasio dihidrógeno-
fosfato

 KH_2PO_4 $M = 136,09 \text{ g/mol}$

assay 98%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,002%
sulphate (SO_4) 0,02%

PF.
S.
2840

5 kg
50 kg

60,50 50,20 47,20 45,40
price on request

04246 Potassium dihydrogen phosphate pure powder
Potassium dihydrogénophosphate / Potasio dihidrógeno-
fosfato

 KH_2PO_4 $M = 136,09 \text{ g/mol}$

assay 98%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,002%
sulphate (SO_4) 0,02%

PF.
2840

† 5 kg

76,50 63,50 59,65 57,40

04250 Potassium diphosphate chem. pure
Potassium difosphate / Potasio difosfato

 $\text{K}_4\text{P}_2\text{O}_7$ $M = 330,34 \text{ g/mol}$

assay 99%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,005%
sulphate (SO_4) 0,002%

PF.
PF.
S.
2840

500 g
1 kg
40 kg

11,75 10,— 9,40 9,05
21,50 18,30 17,20 16,55
price on request

31269 Potassium disulphate R. G.
Potassium disulfate / Potasio disulfato

 $\text{K}_2\text{S}_2\text{O}_7$ $M = 254,32 \text{ g/mol}$

assay (acidimetric) min. 97,5%
aluminium (Al) max. 0,001%
calcium (Ca) max. 0,003%
iron (Fe) max. 0,0005%
magnesium (Mg) max. 0,0005%
sodium (Na) max. 0,01%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,0005%
phosphate (PO_4) max. 0,001%
total nitrogen (N) max. 0,002%

PF.
PF.
2838

500 g
1 kg

16,— 13,60 12,80 12,30
29,25 24,85 23,40 22,50

31268 Potassium disulphite R. G.
Potassium disulfite / Potasio disulfito

 $\text{K}_2\text{S}_2\text{O}_5$ $M = 222,32 \text{ g/mol}$

assay (iodometric) min. 96%
insoluble in water max. 0,005%
arsenic (As) max. 0,0001%
lead (Pb) max. 0,001%
iron (Fe) max. 0,0005%
copper (Cu) max. 0,001%
zinc (Zn) max. 0,001%
chloride (Cl) max. 0,005%

PF.
PF.
PF.
FTP.
2837

500 g
1 kg
2,5 kg
50 kg

13,25 11,25 10,60 10,20
21,50 18,30 17,20 16,55
45,25 37,55 35,30 33,95
kg 10,50




12618 Potassium disulphite purified small crystals
Potassium disulfite / Potasio disulfito

 $\text{K}_2\text{S}_2\text{O}_5$ $M = 222,32 \text{ g/mol}$

PF.
PF.
S.
2837

1 kg
5 kg
45 kg

11,75 10,— 9,40 9,05
44,— 36,50 34,30 33,—
price on request

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
2619	Potassium disulphite purified powder <i>Potassium disulfite / Potasio disulfito</i> $K_2S_2O_5$ $M = 222,32$ g/mol	PF. PF. S. 2837	1 kg 5 kg 50 kg	11,50 43,25 price on request	9,80 35,90	9,20 33,75	8,85 32,45
Potassium ferricyanide see Potassium hexacyanoferrate(III)							
Potassium ferrocyanide see Potassium hexacyanoferrate(II)							
0104	Potassium fluoride R. G. <i>Potassium fluorure / Potasio fluoruro</i> KF $M = 58,10$ g/mol	PF. PF. FTP. 2829	250 g 1 kg 25 kg	15,75 46,— kg 23,—	13,40 39,10	12,60 36,80	11,80 35,40
assay min. 99% insoluble in water max. 0,01% free acid (as HF) max. 0,01% free alkali (as K_2CO_3) max. 0,01% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,002% potassium fluorosilicate (K_2SiF_6) max. 0,1% sulphate (SO_4) max. 0,02%							
 R: 23/24/25 S: 1/2-26-44 disposal: 27							
01133	Potassium fluoride chem. pure <i>Potassium fluorure / Potasio fluoruro</i> KF $M = 58,10$ g/mol	PF. PF. PF. S. 2829	500 g 1 kg 5 kg 25 kg	16,— 28,75 120,— price on request	13,60 24,45 99,60	12,80 23,— 93,60	12,30 22,15 90,—
assay 99% potassium fluorosilicate (K_2SiF_6) 0,1% insoluble in water 0,05% loss on ignition (500 °C, 15 min.) 0,5% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,05%							
 R: 23/24/25 S: 1/2-26-44 disposal: 27							
01132	Potassium fluoride purified <i>Potassium fluorure / Potasio fluoruro</i> KF $M = 58,10$ g/mol	PF. S. 2829	5 kg 25 kg	65,50 price on request	54,35	51,10	49,15
assay 99% loss on ignition (500 °C, 15 min.) 1% iron (Fe) 0,005% chloride (Cl) 0,01% sulphate (SO_4) 0,1%							
 R: 23/24/25 S: 1/2-26-44 disposal: 27							
01556	Potassium fluoroborate granulation 0,1 mm <i>Potassium fluoroborate / Potasio fluoroborato</i> KBF_4 $M = 125,90$ g/mol	PF. S. 2829	1 kg 50 kg	16,75 price on request	14,25	13,40	12,90
assay 99% silicic acid (SiO_2) 0,05% iron (Fe) 0,003% heavy metals (as Pb) 0,003% chloride (Cl) 0,02% sulphate (SO_4) 0,005%							

Code Number
A) RID-ADR
B) GGVV/GGVV
C) IMDG-CODE (GGVSe)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

01506 Potassium fluoroborate granulation 0,05 mm
C 6.1 2811 3 Potassium fluoroborate / Potasio fluoroborato

KBF_4 $M = 125,91$ g/mol

assay 99 %
silicic acid (SiO_2) 0,05 %
iron (Fe) 0,003 %
heavy metals (as Pb) 0,003 %
chloride (Cl) 0,02 %
sulphate (SO_4) 0,005 %

S.
2829

50 kg price on request

01411 Potassium fluorosilicate powder
C 6.1 2655 3 Potassium fluorosilicate / Potasio fluorosilicato

K_2SiF_6 $M = 220,27$ g/mol

assay 99 %
iron (Fe) 0,005 %
heavy metals (as Pb) 0,005 %
chloride (Cl) 0,3 %
sulphate (SO_4) 0,02 %

PF.
S.
2829

1 kg 13,75 11,70 11,— 10,6
50 kg price on request



R: 23/24/25 S: 1/2-26-44
disposal: 27

31625 Potassium fluorotitanate(IV) R. G.
C 6.1 2811 3 Potassium fluorotitanate(IV) / Potasio fluorotitanato(IV)

K_2TiF_6 $M = 240,09$ g/mol

assay min. 99 %
ammonium (NH_4) max. 0,005 %
iron (Fe) max. 0,005 %
heavy metals (as Pb) max. 0,005 %
chloride (Cl) max. 0,005 %
sulphate (SO_4) max. 0,005 %

PF.
2829

100 g 27,— 22,95 21,60 20,2

01727 Potassium fluorotitanate(IV) pure granular 0,1 mm
C 6.1 2811 3 Potassium fluorotitanate(IV) / Potasio fluorotitanato(IV)

K_2TiF_6 $M = 240,09$ g/mol

assay 98 %
loss in ignition ($350^\circ C$) 0,2 %
calcium (Ca) 0,01 %
sodium (Na) 0,05 %
fluorosilicate (K_2SiF_6) 0,1 %
sulphate (SO_4) 0,01 %
particle size:
more than 0,25 mm max. 10 %
0,075—0,25 mm min. 60 %
0,043—0,75 mm max. 40 %
less than 0,043 mm max. 5 %

PF.
S.
2829

1 kg 19,75 16,80 15,80 15,2
50 kg price on request

01717 Potassium fluorotitanate(IV) pure fine powder
C 6.1 2655 3 Potassium fluorotitanate(IV) / Potasio fluorotitanato(IV)

K_2TiF_6 $M = 240,09$ g/mol

assay 98 %
insoluble in water ($100^\circ C$) 0,1 %
loss on ignition ($350^\circ C$) 0,2 %
calcium (Ca) 0,01 %
sodium (Na) 0,05 %
fluorosilicate (K_2SiF_6) 0,1 %
sulphate (SO_4) 0,01 %

PF.
S.
2829

1 kg price on request
50 kg price on request

01712 Potassium fluorozirconate technical powder
C 6.1 2811 3 Potassium fluorozirconate / Potasio fluorozirconato

K_2ZrF_6 $M = 283,41$ g/mol

PF.
FTP.
2829

1 kg 27,75 23,60 22,20 21,3
50 kg price on request

12513 Potassium hexachloroplatinate(IV)
Potassium hexachloroplatinate(IV) / Potasio hexachloroplatinato(IV)

$K_2[PtCl_6]$ $M = 486,00$ g/mol

FL.
2849

1 g price on request

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2902 6.1/31A 6.1 1588 3	Potassium hexacyanocobaltate(III) pure <i>Potassium hexacyanocobaltate(III) / Potasio hexacianocobaltato(III)</i> $K_3[Co(CN)_6]$ $M = 332,33$ g/mol assay 95% free cyanide (CN) 0,005% iron (Fe) 0,02% sulphate (SO ₄) 0,05%	PF. PF. 2843	250 g 1 kg	39,— 129,50	33,15 110,10	31,20 103,60	29,25 99,70
1254	Potassium hexacyanoferrate(II)-3-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Potassium hexacyanoferrate(II)-3-hydrate / Potasio hexacyanoferrato(II)-3-hidrato</i> $K_4[Fe(CN)_6] \cdot 3H_2O$ $M = 422,39$ g/mol assay 99,0—100,5% insoluble in water max. 0,005% lead (Pb) max. 0,002% cadmium (Cd) max. 0,0005% copper (Cu) max. 0,002% sodium (Na) max. 0,01% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,005%	PF. PF. 2843	500 g 1 kg	14,75 27,—	12,55 22,95	11,80 21,60	11,35 20,80
2639	Potassium hexacyanoferrate(II)-3-hydrate pure cryst. <i>Potassium hexacyanoferrate(II)-3-hydrate / Potasio hexacianoferrato(II)-3-hidrato</i> $K_4[Fe(CN)_6] \cdot 3H_2O$ $M = 422,39$ g/mol assay 99,5% chloride (Cl) 0,05% sulphate (SO ₄) 0,05%	PF. PF. S. 2843	500 g 1 kg 50 kg	12,50 22,50 price on request	10,65 19,15	10,— 18,—	9,65 17,35
2641	Potassium hexacyanoferrate(II)-3-hydrate technical cryst. <i>Potassium hexacyanoferrate(II)-3-hydrate / Potasio hexacianoferrato(II)-3-hidrato</i> $K_4[Fe(CN)_6] \cdot 3H_2O$ $M = 422,39$ g/mol assay 99,5% chloride (Cl) 0,1% sulphate (SO ₄) 0,1%	PF. S. 2843	5 kg 50 kg	78,50 price on request	65,15	61,25	58,90
11253	Potassium hexacyanoferrate(III) R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Potassium hexacyanoferrate(III) / Potasio hexacianoferrato(III)</i> $K_3[Fe(CN)_6]$ $M = 329,25$ g/mol assay min. 99% lead (Pb) max. 0,002% calcium (Ca) max. 0,0005% copper (Cu) max. 0,001% sodium (Na) max. 0,02% chloride (Cl) max. 0,005% hexacyanoferrate(II) ($[Fe(CN)_6]^{4-}$) max. 0,02% sulphate (SO ₄) max. 0,005%	PF. PF. PF. 2843	250 g 500 g 1 kg	14,50 25,25 47,—	12,35 21,45 39,95	11,60 20,20 37,60	10,90 19,45 36,20
12643	Potassium hexacyanoferrate(III) pure cryst. <i>Potassium hexacyanoferrate(III) / Potasio hexacianoferrato(III)</i> $K_3[Fe(CN)_6]$ $M = 329,25$ g/mol assay 99,5% chloride (Cl) max. 0,2% sulphate (SO ₄) 0,01%	PF. PF. PF. S. 2843	500 g 1 kg 5 kg 50 kg	17,75 32,50 137,50 price on request	15,10 27,65 114,15	14,20 26,— 107,25	13,65 25,05 103,15
01135 C 8.1 1812 3	Potassium hexafluoroaluminate <i>Potassium hexafluoroaluminate / Potasio hexafluoroaluminato</i> K_3AlF_6 $M = 258,27$ g/mol assay of F 42—46% assay of Al 10—11% loss on ignition (300 °C, 1 h) 3% chloride (Cl) 0,01% residue on sieve 0,06 mm 2%	PF. S. 2829	1 kg 50 kg	24,75 price on request	21,05	19,80	19,05

Code Number
A) RIDADR
B) GHS/055
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

01739 **Potassium hexafluoroarsenate**
A 6.1/52 *Potassium hexafluoroarsenate / Potasio*
C 6.1 1557 3 *hexafluoroarseniato*

KAsF₆ M = 228,01 g/mol



R: 23/25-39 S: 1/2-20/21-28-45
disposal: 10

PF.
2829

50 g 193,— 164,05 154,40 144,7

01737 **Potassium hexafluorophosphate**
C 6.1 2811 3 *Potassium hexafluorophosphate / Potasio*
hexafluorofosfato

KPF₆ M = 184,06 g/mol



R: 20/21/22 S: 28
disposal: 27

PF.
2829

50 g 22,— 18,70 17,60 16,5

Potassium hexafluorotitanate see Potassium
fluorotitanate(IV)

31149 **Potassium hexahydroxoantimonate(V) R. G.,**
A 6.1/75 *Reag. Ph. Eur. I*
C 6.1 1549 3 *Potassium hexahydroxoantimonate(V) / Potasio*
hexahidroxoantimoniato(V)

K[Sb(OH)₆] M = 262,89 g/mol

assay min. 95%
loss on drying (120 °C, 2 h) max. 5%
free alkali (as KOH) max. 0,1%



R: 20/22 S: 22
disposal: 26

PF.
PF.
2847

100 g price on request
250 g price on request

11125 **Potassium hexahydroxoantimonate(V)**
A 6.1/75 *Potassium hexahydroxoantimonate(V) / Potasio*
C 6.1 1549 3 *hexahidroxoantimoniato(V)*

K[Sb(OH)₆] M = 262,89 g/mol

assay 95%
loss on drying (120 °C, 2 h) 5%



R: 20/22 S: 22
disposal: 26

PF.
PF.
FTP.
2847

250 g price on request
1 kg price on request
50 kg price on request

31259 **Potassium hydrogen carbonate R. G., Reag. Ph. Eur. I**
Potassium hydrogenocarbonate / Potasio hidrógeno-
carbonato

KHCO₃ M = 100,12 g/mol

assay min. 99,5%
aluminium (Al) max. 0,0005%
calcium (Ca) max. 0,0005%
iron (Fe) max. 0,0005%
sodium (Na) max. 0,02%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,001%
phosphate (PO₄) and silicate (as SiO₂) max. 0,001%
sulphate (SO₄) max. 0,001%
total nitrogen (N) max. 0,001%

PF.
PF.
2842

500 g 13,50 11,50 10,80 10,
1 kg 24,25 20,60 19,40 18,




12602 **Potassium hydrogen carbonate chem. pure cryst. DAB 8,**
B. P. C. 1973
Potassium hydrogenocarbonate / Potasio hidrógeno-
carbonato

KHCO₃ M = 100,12 g/mol

assay 99,5%
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,005%
sulphate (SO₄) 0,01%

PF.
PF.
S.
2842

1 kg 12,50 10,65 10,— 9,
5 kg 42,75 35,50 33,35 32,
50 kg price on request

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
0327	Potassium hydrogen diiodate R. G.	WG.	100 g	38,—	32,30	30,40	28,50
5.1 1479 2	Potassium hydrogénodiiodate / Potasio hidrógeno-diyodato	2832					
	KH(JO ₃) ₂ M = 389,92 g/mol						
	assay min. 99,8%						
	insoluble in water max. 0,005%						
	iron (Fe) max. 0,0005%						
	heavy metals (as Pb) max. 0,001%						
	chloride, chlorate and bromate (as Cl) max. 0,02%						
	total nitrogen (N) max. 0,002%						
1261	Potassium hydrogen fluoride chem. pure (max. 0,3% H ₂ O)	PF.	1 kg	price on request			
	Potassium hydrogénofluorure / Potasio hidrógeno-fluoruro	2832					
	KHF ₂ M = 78,10 g/mol						
	assay 99%						
	potassium fluorosilicate (K ₂ SiF ₆) 0,1%						
	water (according to Karl Fischer) max. 0,3%						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,001%						
	sulphate (SO ₄) 0,01%						
1138	Potassium hydrogen fluoride pure	PF.	1 kg	17,50	14,90	14,—	13,50
8/15A	Potassium hydrogénofluorure / Potasio hidrógeno-fluoruro	PF.	5 kg	65,50	54,35	51,10	49,15
8 1811 2	KHF ₂ M = 78,10 g/mol	S.	50 kg	price on request			
	assay 99%	FTP.	50 kg	price on request			
	potassium fluorosilicate (K ₂ SiF ₆) 0,1%	2829					
	loss on drying (105 °C) 0,3%						
	iron (Fe) 0,001%						
	heavy metals (as Pb) 0,001%						
	sulphate (SO ₄) 0,01%						
	 R: 25-34 S: 22-26-37 disposal: 27						
11137	Potassium hydrogen fluoride purified	PF.	2,5 kg	35,—	29,05	27,30	26,25
8/15A	Potassium hydrogénofluorure / Potasio hidrógeno-fluoruro	S.	50 kg	price on request			
8 1811 2	KHF ₂ M = 78,10 g/mol	FTP.	50 kg	price on request			
	assay 97%	2829					
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	sulphate (SO ₄) 0,05%						
	 R: 25-34 S: 22-26-37 disposal: 27						
11247	Potassium hydrogen fluoride with addition of anti-caking agent	S.	50 kg	price on request			
8/15A	Potassium hydrogénofluorure / Potasio hidrógeno-fluoruro	FTP.	50 kg	price on request			
8 1811 2	KHF ₂ M = 78,10 g/mol	2829					
	assay 97%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	sulphate (SO ₄) 0,05%						
	 R: 25-34 S: 22-26-37 disposal: 27						
14248	di-Potassium hydrogen phosphate chem. pure DAC, B. P. C. 1949, N. F. XII	PF.	500 g	13,—	11,05	10,40	10,—
	di-Potassium hydrogénophosphate / di-Potasio hidrógeno-fosfato	PF.	1 kg	23,25	19,75	18,60	17,90
	K ₂ HPO ₄ M = 174,18 g/mol	PF.	5 kg	95,—	78,85	74,10	71,25
	assay 98%	S.	50 kg	price on request			
	loss on drying (130 °C) 1,5%	2840					
	pH (10%, 20 °C) 8,9—9,3						
	arsenic (As) 0,0001%						
	iron (Fe) 0,002%						
	heavy metals (as Pb) 0,0005%						
	chloride (Cl) 0,002%						
	sulphate (SO ₄) 0,1%						

Code-Number

A) RIC-ADR

B) GGVE/GGVS

C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

33325 **Potassium hydrogen phthalate** R. G., buffer substance,
Reag. ISO, Reag. Ph. Eur. I
Potassium hydrogenophthalate / Potasio hidrógeno-ftalato

 $C_8H_4(COOH)COOK$
 $C_8H_5KO_4$ $M = 204,22$ g/mol

assay 99,9 – 100,3 %
insoluble in water max. 0,01 %
loss on drying (105 °C) max. 0,05 %
iron (Fe) max. 0,0005 %
sodium (Na) max. 0,005 %
heavy metals (as Pb) max. 0,0005 %
chloride (Cl) max. 0,001 %
sulphate (SO₄) max. 0,005 %

WG.
WG.
WG.
2915

100 g	8,25	7,—	6,60	6,2
250 g	16,50	14,05	13,20	12,4
1 kg	48,25	41,—	38,60	37,1

31260 **Potassium hydrogen sulphate** R. G., Reag. Ph. Eur. I
A 8/13 *Potassium hydrogenosulfate / Potasio hidrógeno-sulfato*

 $KHSO_4$ $M = 136,17$ g/mol

assay 98 – 102 %
insoluble in water max. 0,005 %
ammonium (NH₄) max. 0,001 %
arsenic (As) max. 0,00005 %
calcium (Ca) max. 0,002 %
iron (Fe) max. 0,0005 %
magnesium (Mg) max. 0,0005 %
sodium (Na) max. 0,01 %
heavy metals (as Pb) max. 0,001 %
chloride (Cl) max. 0,0005 %
phosphate (PO₄) max. 0,0005 %

PF.
PF.
FTP.
2838

500 g	17,25	14,65	13,80	13,3
1 kg	31,25	26,55	25,—	24,0
50 kg	kg	16,—		

31261 **Potassium hydrogen sulphate** R. G., fused
Potassium hydrogenosulfate / Potasio hidrógeno-sulfato

 $KHSO_4$ $M = 136,17$ g/mol

assay 99 – 103 %
insoluble in water max. 0,01 %
ammonium (NH₄) max. 0,001 %
calcium (Ca) max. 0,002 %
iron (Fe) max. 0,0005 %
heavy metals (as Pb) max. 0,001 %
chloride (Cl) max. 0,002 %

PF.
PF.
2838

500 g	19,25	16,35	15,40	14,8
1 kg	35,—	29,75	28,—	26,5

12605 **Potassium hydrogen sulphate** chem. pure cryst.
A 8/13 *Potassium hydrogenosulfate / Potasio hidrógeno-sulfato*

 $KHSO_4$ $M = 136,17$ g/mol

assay 98 – 102 %
ammonium (NH₄) 0,002 %
calcium (Cl) 0,01 %
iron (Fe) 0,001 %
heavy metals (as Pb) 0,002 %
chloride (Cl) 0,002 %

PF.
PF.
PF.
S.
2838

500 g	10,—	8,50	8,—	7,—
1 kg	17,—	14,45	13,60	13,—
5 kg	63,50	52,70	49,55	47,—
50 kg	price on request			

12603 **Potassium hydrogen sulphate** pure cryst.
A 8/13 *Potassium hydrogenosulfate / Potasio hidrógeno-sulfato*

 $KHSO_4$ $M = 136,17$ g/mol

assay 97 %
iron (Fe) 0,005 %
heavy metals (as Pb) 0,005 %
chloride (Cl) 0,01 %

PF.
PF.
S.
2838

1 kg	16,25	13,80	13,—	12,—
5 kg	60,50	50,20	47,20	45,—
50 kg	price on request			




32331 **Potassium hydrogen tartrate** R. G., buffer substance
Potassium hydrogenotartrate / Potasio hidrógeno-tartrato

 $HOOC(CHOH)_2COOK$
 $C_4H_5KO_6$ $M = 188,18$ g/mol

assay 99,7 – 100,3 %
loss on drying (105 °C) max. 0,1 %
insoluble in ammonia solution max. 0,01 %
ammonium (NH₄) max. 0,01 %
iron (Fe) max. 0,001 %
heavy metals (as Pb) max. 0,001 %
chloride (Cl) max. 0,002 %
sulphate (SO₄) max. 0,01 %

PF.
2916

250 g price on request

le-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
506	Potassium hydrogen tartrate DAB 6 <i>Potassium hydrogénotartrate / Potasio hidrógeno-tartrato</i> HOOC(CHOH) ₂ COOK C ₄ H ₅ KO ₆ M = 188,18 g/mol assay 99,5% free tartaric acid 0,2% arsenic (As) 0,0001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. PF. S. 2916	1 kg 5 kg 50 kg	price on request price on request price on request			
603 /31A 1813 2	Potassium hydroxide R. G., pellets <i>Potasse caustique / Potasa cáustica</i> KOH M = 56,11 g/mol assay min. 85% assay of K ₂ CO ₃ max. 1% insoluble in water max. 0,002% aluminium (Al) max. 0,001% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% sodium (Na) max. 0,5% nickel (Ni) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% phosphate (PO ₄) max. 0,0005% silicate (SiO ₂) max. 0,005% sulphate (SO ₄) max. 0,0005% total nitrogen (N) max. 0,0003%  R: 35 S: 2-26-37/39 disposal: 3	PF. PF. PF. FTP. FTP. 2817	500 g 1 kg 5 kg 50 kg 5x	10,50 16,— 62,50 kg 6,65 kg 6,10	8,95 13,60 51,90	8,40 12,80 48,75	8,10 12,30 46,90
614 /31A 1813 2	Potassium hydroxide R. G., pellets (max. 0,002% Na) Reag. ACS, Reag. ISO <i>Potasse caustique / Potasa cáustica</i> KOH M = 56,11 g/mol assay min. 85% assay of K ₂ CO ₃ max. 1% aluminium (Al) max. 0,0002% lead (Pb) max. 0,0001% cadmium (Cd) max. 0,00001% calcium (Ca) max. 0,0005% iron (Fe) max. 0,0005% copper (Cu) max. 0,0001% manganese (Mn) max. 0,00005% sodium (Na) max. 0,002% nickel (Ni) max. 0,0001% zinc (Zn) max. 0,0001% chloride (Cl) max. 0,0005% phosphate (PO ₄) max. 0,0005% silicate (SiO ₂) max. 0,002% sulphate (SO ₄) max. 0,0005% total nitrogen (N) max. 0,0003%  R: 35 S: 2-26-37/39 disposal: 3	PF. PF. PF. 2817	250 g 1 kg 5 kg	16,50 46,25 203,—	14,05 39,30 168,50	13,20 37,— 158,35	12,40 35,60 152,25
7851 /31A 1813 2	Potassium hydroxide PURANAL[®], pellets <i>Potasse caustique / Potasa cáustica</i> KOH M = 56,11 g/mol analytical data on request  R: 35 S: 2-26-37/39 disposal: 3	PF. FTP. 2817	5 kg 50 kg	price on request price on request			

Code Number
A) RID ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSeel)

Type of package
B.T.N.

Price per package DM

	1x	6x	24x	96x
		(1 Box)	(4 Boxes)	(16 Boxes)

06005 Potassium hydroxide chem. pure pellets DAC, B. P. 1973,
U S P XIX
A 8/31A Potasse caustique / Potasa cáustica
C 8 1813 2

KOH $M = 56,11$ g/mol

assay	85%
assay of K_2CO_3	2%
aluminium (Al)	0,001%
arsenic (As)	0,0004%
calcium (Ca)	0,002%
iron (Fe)	0,001%
sodium (Na)	0,5%
heavy metals (as Pb)	0,0005%
chloride (Cl)	0,001%
phosphate (PO_4)	0,001%
silicate (SiO_2)	0,01%
sulphate (SO_4)	0,002%
total nitrogen (N)	0,0005%



R: 35 S: 2-26-37/39
disposal: 3

06009 Potassium hydroxide purified pellets
A 8/31A Potasse caustique / Potasa cáustica
C 8 1813 2

KOH $M = 56,11$ g/mol

assay	85%
assay of K_2CO_3	1%
aluminium (Al)	0,002%
iron (Fe)	0,002%
heavy metals (as Pb)	0,001%
chloride (Cl)	0,001%
sulphate (SO_4)	0,003%



R: 35 S: 2-26-37/39
disposal: 3

06101 Potassium hydroxide technical lumps
A 8/31A Potasse caustique / Potasa cáustica
C 8 1813 2

KOH $M = 56,11$ g/mol

assay	88%
iron (Fe)	0,001%
chloride (Cl)	0,01%
sulphate (SO_4)	0,005%



R: 35 S: 2-26-37/39
disposal: 3

06103 Potassium hydroxide technical powder
A 8/31A Potasse caustique / Potasa cáustica
C 8 1813 2

KOH $M = 56,11$ g/mol

assay	88%
iron (Fe)	0,002%
chloride (Cl)	0,01%
sulphate (SO_4)	0,005%



R: 35 S: 2-26-37/39
disposal: 3

35127 Potassium hydroxide solution 0,1 mol/l in ethanol 0,1 N
A 3/5 volumetric solution
C 3 2 1142 2 Potasse lessive 0,1 mol/l en éthanol / Potasa cáustica
11 °C líquida 0,1 mol/l en etanol

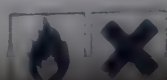
1 L \approx 0,81 kg



R: 11 S: 7-16
disposal: 6

35115 Potassium hydroxide solution 0,5 mol/l in ethanol 0,5 N
A 3/5 volumetric solution
C 3 2 1142 2 Potasse lessive 0,5 mol/l en éthanol / Potasa cáustica
11 °C líquida 0,5 mol/l en etanol

1 L \approx 0,84 kg



R: 11-38/37/38 S: 16-28-29
disposal: 3

PF.	1 kg	14,50	12,35	11,60	11,
PF.	5 kg	54,50	45,25	42,50	40,:
FTP.	50 kg	kg	5,65		
FTP.	5x	kg	5,20		

2817

PF.	1 kg	13,25	11,25	10,60	10,
PF.	5 kg	50,50	41,90	39,40	37,
FTP.	50 kg	kg	5,10		
FTP.	5x	kg	4,70		

2817

PF.	5 kg	40,—	33,20	31,20	30,
S.	50 kg	price on request			

2817

PF.	5 kg	40,—	33,20	31,20	30,
S.	50 kg	price on request			









2817

FL.	1 L	22,—	18,70	17,60	16
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3819

FL.	500 ml	42,75	36,35	34,20	32
FL.	1 L	78,—	66,30	62,40	60

3819

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
12	Potassium hydroxide solution 1 mol/l in ethanol 1 N volumetric solution	FL. 3819	1 L	21,50	18,30	17,20	16,55
2 1142 2	Potasse lessive 1 mol/l en éthanol / Potasa cáustica líquida 1 mol/l en etanol						
	1 L ≈ 0,88 kg						
	  R: 11-36/37/38 S: 16-26-29 disposal: 3						
522	Potassium hydroxide solution 28,5%, for flue-gas analysis	PF. 2817	1 L	17,25	14,65	13,80	13,30
132	Potasse lessive / Potasa cáustica líquida						
1814 2	KOH M = 56,11 g/mol 1 L ≈ 1,27 kg						
	 R: 35 S: 2-26-27-37/39 disposal: 3						
521	Potassium hydroxide solution 50% for the absorption of carbon dioxide according to Orsat	PF. PF. 2817	1 L 2,5 L	20,50 43,—	17,45 35,70	16,40 33,55	15,80 32,25
132	Potasse lessive / Potasa cáustica líquida						
1814 2	KOH M = 56,11 g/mol 1 L ≈ 1,51 kg						
	 R: 35 S: 2-26-27-37/39 disposal: 3						
520	Potassium hydroxide solution 47% for the absorption of carbon dioxide according to Knipping	PF. 2817	2,5 L	41,50	34,45	32,35	31,15
132	Potasse lessive / Potasa cáustica líquida						
1814 2	KOH M = 56,11 g/mol 1 L ≈ 1,47 kg						
	 R: 35 S: 2-26-27-37/39 disposal: 3						
105	Potassium hydroxide solution 38% pure	PF. PF. 2817	† 1 L † 2,5 L	14,— 29,—	11,90 24,05	11,20 22,60	10,80 21,75
132	Potasse lessive / Potasa cáustica líquida						
1814 2	KOH M = 56,11 g/mol 1 L ≈ 1,38 kg						
	assay 38% iron (Fe) 0,001% chloride (Cl) 0,002% sulphate (SO ₄) 0,0005%						
	 R: 35 S: 2-26-27-37/39 disposal: 3						
3070	0,1 mol Potassium hydroxide solution FIXANAL®	3819	1 pack	8,75	7,45	7,—	6,55
8/32	5,611 g KOH for 1 L 0,1 N solution						
1814 2	0,1 mol Potasse lessive / 0,1 mol Potasa cáustica líquida ampoule						
	 R: 35 S: 2-26-27-37/39 disposal: 3						
3073	1 mol Potassium hydroxide solution FIXANAL®	3819	1 pack	11,25	9,55	9,—	8,45
8/32	56, 109 g KOH for 1 L 1 N solution						
1814 2	1 mol Potasse lessive / 1 mol Potasa cáustica líquida bottle						
	 R: 35 S: 2-26-27-37/39 disposal: 3						

Code-Number
A) RIG/ADR
B) GGVE/GGVs
C) MCG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

04411 Potassium hypophosphite chem. pure Erg. B. 6, B. P. C. 1963
Potassium hypophosphite / Potasio hipofosfito
KPH₂O₂ M = 104,09 g/mol
assay 99%
loss on drying (105 °C) 1%
pH range (5%, 20 °C) 6-8
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,001%
sodium (Na) 0,2%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,02%
phosphite and phosphate (as PO₄) 0,5%
sulphate (SO₄) 0,02%

PF.
PF.
FTP.
2840

1 kg 52,— 44,20 41,60 40,1
2,5 kg 114,— 94,60 88,90 85,1
50 kg price on request

Potassium hyposulphite see Potassium thiosulphate

30314 Potassium iodate R. G., Reag. ACS, Reag. ISO,
C 5.1 1479 2 Reag. Ph. Eur. I
Potassium iodate / Potasio yodato
KJO₃ M = 214,00 g/mol
assay 99,5-100,2%
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,05%
pH (5%, 20 °C) 5-8
iron (Fe) max. 0,001%
sodium (Na) max. 0,005%
heavy metals (as Pb) max. 0,0005%
chlorate, chloride and bromide (as Cl) max. 0,01%
iodide (I) max. 0,001%
sulphate (SO₄) max. 0,005%
total nitrogen (N) max. 0,002%

PF.
PF.
PF.
2832

100 g 16,50 14,05 13,20 12,4
250 g 37,25 31,65 29,80 27,9
1 kg 124,— 105,40 99,20 95,1

03123 Potassium iodate Erg. B. 6
C 5.1 1479 2 Potassium iodate / Potasio yodato
KJO₃ M = 214,00 g/mol
assay 99,8%
pH (5%, 20 °C) 5-8
iron (Fe) 0,005%
heavy metals (as Pb) 0,002%
chloride, chlorate and bromide (as Cl) 0,02%
iodide (I) 0,002%
sulphate (SO₄) 0,05%

PF.
PF.
PF.
FTP.
2832

100 g 11,50 9,80 9,20 8,
500 g 42,25 35,90 33,80 32,
1 kg 77,50 65,90 62,— 59,
50 kg price on request

38120 1/60 mol Potassium iodate FIXANAL® 3,567 g KIO₃ for 1 L
0,1 N solution
1/60 mol Potassium iodate / 1/60 mol Potasio yodato
ampoule

3819

1 pack 8,75 7,45 7,— 6,

30315 Potassium iodide R. G., Reag. ISO, Reag. Ph. Eur. I
Potassium iodure / Potasio yoduro
KJ M = 166,00 g/mol
assay min. 99,5%
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,1%
free alkali (as KOH) max. 0,02%
arsenic (As) max. 0,00001%
barium (Ba) max. 0,002%
calcium (Ca) max. 0,001%
iron (Fe) max. 0,0005%
magnesium (Mg) max. 0,001%
sodium (Na) max. 0,03%
heavy metals (as Pb) max. 0,0005%
chloride and bromide (as Cl) max. 0,01%
iodate (IO₃) max. 0,0003%
phosphate (PO₄) max. 0,001%
sulphate (SO₄) max. 0,001%
thiosulphate (S₂O₃) max. 0,001%
total nitrogen (N) max. 0,001%

WG.
WG.
WG.
WG.
FTP.
2830

100 g 16,25 13,80 13,— 12,
250 g 37,— 31,45 29,60 27,
500 g 67,50 57,40 54,— 52,
1 kg 124,50 105,85 99,60 95,
50 kg price on request

17888 Potassium iodide PURANAL®
Potassium iodure / Potasio yoduro
KJ M = 166,00 g/mol

WG.
2830

1 kg price on request

Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
124	Potassium iodide chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Potassium iodure / Potasio yoduro</i> KJ M = 166,00 g/mol assay 99,5% loss on drying (105 °C) 0,1% barium (Ba) 0,001% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride and bromide (as Cl) 0,03% sulphate (SO ₄) 0,01% thiosulphate (S ₂ O ₃) 0,005%	WG. WG. WG. FTP. 2830	500 g 1 kg 2,5 kg 50 kg	44,50 82,— 178,— price on request	37,85 69,70 147,75	35,60 65,60 138,85	34,25 63,15 133,50
110	0,1 mol Potassium iodide FIXANAL® 16,601 g KI for 1 L 0,1 N solution <i>0,1 mol Potassium iodure / 0,1 mol Potasio yoduro</i> ampoule Potassium iron(II) cyanide see Potassium hexacyanoferrate(II) Potassium iron(III) cyanide see Potassium hexacyanoferrate(III) Potassium mercury(II) cyanide see Potassium tetracyanomercurate(II) Potassium mercury(II) iodide solution see Nessler's reagent Potassium metabisulphite see Potassium disulphite	3819	1 pack	10,25	8,70	8,20	7,70
1619	Potassium metaborate pure <i>Potassium métaborate / Potasio metaborato</i> KBO ₂ · ca. 1,5 H ₂ O M = (anhydrous) 81,90 g/mol assay of B ₂ O ₃ 31—33% assay of K ₂ O 42—44% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,05% Potassium metaperiodate see Potassium tetroxiodate(VII)	PF. PF. S. 2846	1 kg 5 kg 50 kg	16,50 68,— price on request	14,05 56,45	13,20 53,05	12,70 51,—
1263	Potassium nitrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Potassium nitrate / Potasio nitrato</i> KNO ₃ M = 101,10 g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 6—8 ammonium (NH ₄) max. 0,001% calcium (Ca) max. 0,001% iron (Fe) max. 0,0002% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,001% iodate (IO ₃) max. 0,0005% nitrite (NO ₂) max. 0,001% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002%	PF. PF. PF. FTP. 2839	500 g 1 kg 5 kg 50 kg	9,75 16,— 66,— kg 6,90	8,30 13,60 54,80	7,80 12,80 51,50	7,50 12,30 49,50
2648	Potassium nitrate chem. pure cryst. DAB 6, B. P. 1973, N. F. XI <i>Potassium nitrate / Potasio nitrato</i> KNO ₃ M = 101,10 g/mol assay 99,5% pH (5%, 20 °C) 5—8 ammonium (NH ₄) 0,005% arsenic (As) 0,0001% iron (Fe) 0,001% sodium (Na) 0,05% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% total halogen compounds (as Cl) 0,005% sulphate (SO ₄) 0,02%	PF. PF. S. 2839	1 kg 5 kg 50 kg	14,50 54,50 price on request	12,35 45,25	11,60 42,50	11,15 40,90

Code Number
A. no. ADR
B. no. GHS
C. IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

12651 Potassium nitrate pure

C 5.1 1488 3 Potassium nitrate / Potasio nitrato

KNO_3 $M = 101,10$ g/mol

assay 98 %
iron (Fe) 0,002 %
heavy metals (as Pb) 0,002 %
chloride (Cl) 0,005 %
sulphate (SO_4) 0,03 %

PF.
S.
2839

5 kg 31,75 26,35 24,75 23,1
50 kg price on request

31303 Potassium nitrite R. G., cryst.

A 5.1/8 Potassium nitrite / Potasio nitrito

C 5.1 1488 2 KNO_2 $M = 85,10$ g/mol

assay min. 98 %
insoluble in water max. 0,005 %
calcium (Ca) max. 0,005 %
iron (Fe) max. 0,001 %
sodium (Na) max. 0,5 %
heavy metals (as Pb) max. 0,001 %
chloride (Cl) max. 0,005 %
sulphate (SO_4) max. 0,005 %

PF.
PF.
F.
2839

250 g 21,50 18,30 17,20 16,
1 kg 63,— 53,55 50,40 48,
60 kg kg 39,—



R: 8-25 S: 44
disposal: 16

12654 Potassium nitrite pure cryst.

A 5.1/8 Potassium nitrite / Potasio nitrito

C 5.1 1488 2 KNO_2 $M = 85,10$ g/mol

assay 97 %
iron (Fe) 0,001 %
heavy metals (as Pb) 0,002 %
chloride (Cl) 0,01 %
sulphate (SO_4) 0,02 %

PF.
PF.
PF.
F.
2839

500 g 25,75 21,90 20,60 19,
1 kg 47,50 40,40 38,— 36,
2,5 kg 104,50 86,75 81,50 78,
60 kg price on request



R: 8-25 S: 44
disposal: 16

32313 Potassium oxalate monohydrate R. G., Reag. ACS

A - Potassium oxalate monohydrate / Potasio oxalato monohidrato

B ./. /.
C 6.1 2449 3 $\text{KOOC-COOK} \cdot \text{H}_2\text{O}$
 $\text{C}_2\text{K}_2\text{O}_4 \cdot \text{H}_2\text{O}$ $M = 184,23$ g/mol

assay min. 99,5 %
insoluble in water max. 0,002 %
pH (5 %, 20 °C) 7,0—8,5
ammonium (NH_4) max. 0,002 %
iron (Fe) max. 0,001 %
sodium (Na) max. 0,02 %
heavy metals (as Pb) max. 0,001 %
chloride (Cl) max. 0,001 %
sulphate (SO_4) max. 0,01 %

PF.
PF.
2915

250 g 14,25 12,10 11,40 10,
1 kg 43,— 36,55 34,40 33,



R: 21/22 S: 2-24/25
disposal: 8

25413 Potassium oxalate monohydrate chem. pure Erg. B. 6

C 6.1 2449 3 Potassium oxalate monohydrate / Potasio oxalato monohidrato

$\text{KOOC-COOK} \cdot \text{H}_2\text{O}$
 $\text{C}_2\text{K}_2\text{O}_4 \cdot \text{H}_2\text{O}$ $M = 184,24$ g/mol

assay 99 %
pH (5 %, 20 °C) 7,2—8,2
iron (Fe) 0,002 %
heavy metals (as Pb) 0,002 %
chloride (Cl) 0,005 %
sulphate (SO_4) 0,02 %

PF.
PF.
S.
2915

500 g 14,— 11,90 11,20 10,
1 kg 25,50 21,70 20,40 19,
50 kg kg 13,—



R: 21/22 S: 2-24/25
disposal: 8

Potassium oxodioxalato titanate see Potassium titanium oxide oxalate

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
179	Potassium palmitate solution 0,1 mol/l 0,1 N volumetric solution <i>Potassium palmitate en solution 0,1 mol/l / Potasio palmitato en solución 0,1 mol/l</i> 1 L ≈ 0,87 kg	PF. 3819	1 L	29,75	25,30	23,80	22,90
265	Potassium perchlorate R. G., Reag. ACS <i>Potassium perchlorate / Potasio perclorato</i> KClO ₄ M = 138,55 g/mol assay min. 99,5% insoluble in water max. 0,005% pH (1 %, 20 °C) 5-7 calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% sodium (Na) max. 0,01% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,003% sulphate (SO ₄) max. 0,001%	BL. 2832	500 g	25,25	21,45	20,20	19,45
2614	Potassium perchlorate pure powder <i>Potassium perchlorate / Potasio perclorato</i> KClO ₄ M = 138,55 g/mol assay 99,5% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,02% chloride and chlorate (as Cl) 0,05% sulphate (SO ₄) 0,005%	PF. PF. PF. BLT. 2832	500 g 1 kg 5 kg 100 kg	9,— 16,50 62,— price on request	7,65 14,05 51,45	7,20 13,20 48,35	6,95 12,70 46,50
1404	Potassium permanganate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Potassium permanganate / Potasio permanganato</i> KMnO ₄ M = 158,03 g/mol assay min. 99% insoluble in water max. 0,1% loss on drying max. 0,5% iron (Fe) max. 0,002% copper (Cu) max. 0,001% chlorate and chloride (as Cl) max. 0,003% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,003%	BL. BL. 2847	500 g 1 kg	23,25 41,25	19,75 35,05	18,60 33,—	17,90 31,75
31318	Potassium permanganate R. G., for determination of mercury <i>Potassium permanganate / Potasio permanganato</i> KMnO ₄ M = 158,03 g/mol assay min. 99% insoluble in water max. 0,1% loss on drying max. 0,5% lead (Pb) max. 0,002% iron (Fe) max. 0,002% copper (Cu) max. 0,001% mercury (Hg) max. 0,000005% chloride and chlorate (as Cl) max. 0,003% sulphate (SO ₄) max. 0,005% total nitrogen (as N) max. 0,003%	BL. 2847	1 kg	48,75	41,45	39,—	37,55

Code-Number
A) RHD/AGH
B) GGVE/AGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

13206 Potassium permanganate pure Ph. Eur. I, B. P. 1973,
Ph. Franç. IX
A 5.1/9C
C 5.1 1490 2 Potassium permanganate / Potasio permanganato

KMnO_4 $M = 158,03$ g/mol

assay 99,5 %
loss on drying (105 °C) 0,2 %
insoluble in water 0,005 %
chloride (Cl) 0,01 %
sulphate (SO_4)



R: 8-22 S: 2
disposal: 16

38136 $1/500$ mol Potassium permanganate FIXANAL® 0,3161 g
 KMnO_4 for 1 L 0,01 N solution
 $1/500$ mol Potassium permanganate / $1/500$ mol Potasio permanganato

ampoule

38130 $1/50$ mol Potassium permanganate FIXANAL® 3,161 g KMnO_4
for 1 L 0,1 N solution
 $1/50$ mol Potassium permanganate / $1/50$ mol Potasio permanganato

ampoule

35186 Potassium permanganate solution 0,02 mol/l 0,1 N
volumetric solution Ph. Eur. I
Potassium permanganate en solution 0,02 mol/l / Potasio permanganato en solución 0,02 mol/l

1 L \approx 1,00 kg

35184 Potassium permanganate solution 0,2 mol/l 1 N volumetric
solution
Potassium permanganate en solution 0,2 mol/l / Potasio permanganato en solución 0,2 mol/l

1 L \approx 1,02 kg

31266 Potassium peroxodisulphate R. G.
C 5.1 1492 3 Potassium peroxodisulfate / Potasio peroxodisulfato

$\text{K}_2\text{S}_2\text{O}_8$ $M = 270,32$ g/mol

assay (iodometric) min. 99 %
insoluble in water max. 0,01 %
iron (Fe) max. 0,001 %
manganese (Mn) max. 0,0001 %
heavy metals (as Pb) max. 0,002 %
chloride (Cl) max. 0,005 %

31275 Potassium peroxodisulphate R. G. (max. 0,001 % N)
C 5.1 1492 3 Potassium peroxodisulfate / Potasio peroxodisulfato

$\text{K}_2\text{S}_2\text{O}_8$ $M = 270,32$ g/mol

assay min. 99 %
insoluble in water max. 0,01 %
iron (Fe) max. 0,001 %
manganese (Mn) max. 0,0001 %
heavy metals (as Pb) max. 0,002 %
chloride (Cl) max. 0,005 %
total nitrogen (N) max. 0,001 %

12615 Potassium peroxodisulphate
C 5.1 1492 3 Potassium peroxodisulfate / Potasio peroxodisulfato

$\text{K}_2\text{S}_2\text{O}_8$ $M = 270,32$ g/mol

assay 99 %
iron (Fe) 0,001 %
manganese (Mn) 0,0005 %
heavy metals (as Pb) 0,005 %
chloride (Cl) 0,005 %

14749 Potassium perrhenate
Potassium perrhenate / Potasio perrenato

KReO_4 $M = 289,30$ g/mol

Potassium persulphate see Potassium peroxodisulphate

Type of package	500 g	1 kg	2,5 kg	50 kg	5x
BL.	12,50	22,—	46,75	kg 8,50	kg 8,20
BL.	10,65	18,70	38,80		
BL.	10,—	17,60	36,45		
BLT.					
BLT.					
2847					

Type of package	1 pack	9,50	8,10	7,60	7,
3819					

Type of package	1 pack	9,50	8,10	7,60	7,
3819					

Type of package	1 L	16,50	14,05	13,20	12,
FL.					
3819					

Type of package	1 L	17,25	14,65	13,80	13,
FL.					
3819					

Type of package	250 g	11,75	10,—	9,40	8,
PF.					
PF.	500 g	16,50	14,05	13,20	12,
PF.	1 kg	29,—	24,65	23,20	22,
2838					

Type of package	250 g	32,25	27,40	25,80	24,
PF.					
2838					

Type of package	1 kg	16,—	13,60	12,80	12,
PF.					
PF.	5 kg	59,50	49,40	46,40	44,
S.	50 kg	price on request			
2838					

Type of package	1 g	78,50	66,75	62,80	58,
FL.					
2847					


<div> <div>de-Number</div> <div>ID/ADR</div> <div>GGVE/GGVS</div> <div>MDG-CODE (GGVSee)</div> </div>		Type of package	<div> <div>Price per</div> <div>package DM</div> </div> <div> <div>1x</div> <div>6x</div> <div>24x</div> <div>96x</div> </div> <div> <div>(1 Box)</div> <div>(4 Boxes)</div> <div>(16 Boxes)</div> </div>				
<div>249</div> <div> <div>tri-Potassium phosphate-1-hydrate chem. pure</div> <div>tri-Potassium phosphate-1-hydrate / tri-Potasio fosfato-1-hidrato</div> <div> <div>$K_3PO_4 \cdot H_2O$</div> <div>$M = 230,28 \text{ g/mol}$</div> </div> <div> <div>assay</div> <div>loss on ignition (800 °C)</div> <div>iron (Fe)</div> <div>heavy metals (as Pb)</div> <div>chloride (Cl)</div> <div>sulphate (SO₄)</div> </div> <div> <div>95%</div> <div>13%</div> <div>0,002%</div> <div>0,002%</div> <div>0,005%</div> <div>0,02%</div> </div> </div>		<div>PF.</div> <div>PF.</div> <div>FTP.</div> <div>2840</div>	<div>500 g</div> <div>1 kg</div> <div>25 kg</div>	<div>14,25</div> <div>25,75</div> <div>price on request</div>	<div>12,10</div> <div>21,90</div>	<div>11,40</div> <div>20,60</div>	<div>10,95</div> <div>19,85</div>
<div> <div>Potassium phosphate dibasic see di-Potassium hydrogen phosphate</div> <div>Potassium phosphate monobasic see Potassium dihydrogen phosphate</div> <div>Potassium phosphate tribasic see tri-Potassium phosphate</div> <div>Potassium phthalate acid see Potassium hydrogen phthalate</div> </div>							
<div> <div>1271</div> <div>4.2 1382 2</div> <div> <div>Potassium polysulphide R. G., granular</div> <div>Potassium polysulfure / Potasio polisulfuro</div> <div> <div>assay (as K₂S)</div> <div>insoluble in water</div> <div>total nitrogen (N)</div> </div> <div> <div>min. 42%</div> <div>max. 0,5%</div> <div>max. 0,005%</div> </div> </div> </div> <div> <div> <div> <div></div> <div>R: 31-34 S: 26</div> <div>disposal: 9</div> </div> </div> </div>		<div>PF.</div> <div>PF.</div> <div>2835</div>	<div>250 g</div> <div>1 kg</div>	<div>20,50</div> <div>63,—</div>	<div>17,45</div> <div>53,55</div>	<div>16,40</div> <div>50,40</div>	<div>15,40</div> <div>48,50</div>
<div> <div>2665</div> <div>4.2 1382 2</div> <div> <div>Potassium polysulphide DAB 6</div> <div>Potassium polysulfure / Potasio polisulfuro</div> <div>assay (as K₂S)</div> <div>42%</div> </div> </div> <div> <div> <div> <div></div> <div>R: 31-34 S: 26</div> <div>disposal: 9</div> </div> </div> </div>		<div>PF.</div> <div>PF.</div> <div>FTP.</div> <div>2835</div>	<div>1 kg</div> <div>5 kg</div> <div>50 kg</div>	<div>35,—</div> <div>151,—</div> <div>price on request</div>	<div>29,75</div> <div>125,35</div>	<div>28,—</div> <div>117,80</div>	<div>26,95</div> <div>113,25</div>
<div> <div>2705</div> <div>4.2 1382 2</div> <div> <div>Potassium polysulphide solution</div> <div>Potassium polysulfure en solution / Potasio polisulfuro en solución</div> <div>1 L ≈ 1,38 kg</div> </div> </div> <div> <div> <div> <div></div> <div>R: 31-34 S: 26</div> <div>disposal: 9</div> </div> </div> </div>		<div>PF.</div> <div>FPF.</div> <div>2835</div>	<div>1 kg</div> <div>70 kg</div>	<div>price on request</div> <div>price on request</div>			
<div> <div>Potassium pyroantimonate acid see Potassium hexahydroxoantimonate(V)</div> <div>Potassium pyrophosphate see Potassium diphosphate</div> <div>Potassium pyrosulphate see Potassium disulphate</div> <div>Potassium pyrosulphite see Potassium disulphite</div> <div>Potassium rhodanide see Potassium thiocyanate</div> <div>Potassium silicofluoride see Potassium fluorosilicate</div> <div>Potassium silver cyanide see Potassium dicyanoargentate</div> <div>Potassium sodium carbonate see Potassium carbonate—sodium carbonate</div> <div>Potassium sodium tartrate solution according to Fehling see Fehling's solution</div> </div>							

Code-Number
A) RID/ADR
B) GGV/EGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

C) (MDG-CODE (GGVSee))																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
659	Potassium sulphate chem. pure fine powder B. P. C. 1949 <i>Potassium sulfate / Potasio sulfato</i> K_2SO_4 $M = 174,26$ g/mol assay (dried substance) 99,5% loss on drying 0,5% free alkali (as KOH) 0,02% arsenic (As) 0,0005% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,01%	PF. S. 2838	1 kg 50 kg	15,— price on request	12,75	12,—	11,55
2661	Potassium sulphate pure powder <i>Potassium sulfate / Potasio sulfato</i> K_2SO_4 $M = 174,26$ g/mol assay 99% arsenic (As) 0,0005% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,02%	PF. S. 2838	5 kg 50 kg	30,75 price on request	25,50	24,—	23,05
2664	Potassium sulphite solution abt. 43%, technical <i>Potassium sulfite en solution / Potasio sulfito en solución</i> K_2SO_3 $M = 158,26$ g/mol 1 L \approx 1,45 kg assay 42—44% iron (Fe) 0,003% heavy metals (as Pb) 0,003% Potassium sulphocyanide see Potassium thiocyanate	FL. BA. 2837	2,5 L 35 kg	27,75 price on request	23,05	21,65	20,80
5510	Potassium tartrate pure cryst. DAC <i>Potassium tartrate / Potasio tartrato</i> $KOOC(CHOH)_2COOK \cdot \frac{1}{2}H_2O$ $C_4H_4K_2O_6 \cdot \frac{1}{2}H_2O$ $M = 235,28$ g/mol assay 99% ammonium (NH ₄) 0,001% arsenic (As) 0,0001% calcium (Ca) 0,005% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,005% Potassium tartrate, acid see Potassium hydrogen tartrate	PF. 2916	500 g	price on request			
31613 C 6.1 2811 3	Potassium tellurite for bacteriology <i>Potassium tellurite / Potasio telurito</i>	WG. WG. WG. 2848	10 g 25 g 100 g	16,— 29,25 95,50	13,60 24,85 81,20	12,80 23,40 76,40	12,— 21,95 71,65
11620	Potassium tetraborate-4-hydrate <i>Potassium tétraborate-4-hydrate / Potasio tetraborato-4-hidrato</i> $K_2B_4O_7 \cdot 4H_2O$ $M = 305,49$ g/mol assay 99,5% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% sulphate (SO ₄) 0,05%	PF. PF. S. 2846	1 kg 5 kg 50 kg	16,— 59,50 price on request	13,60 49,40	12,80 46,40	12,30 44,65
12706	Potassium tetrachloroferrate(II) <i>Potassium tétrachloroferrate(II) / Potasio tetrachloroferrato(II)</i> K_2FeCl_4 $M = 275,86$ g/mol	PF. 2846	1 kg	price on request			
11817 A 6.1/31A C 6.1 1588 1	Potassium tetracyanomercurate(II) 47—48% Hg <i>Potassium tétracyanomercurate(II) / Potasio tetracianomercurato(II)</i> $K_2[Hg(CN)_4]$ $M = 382,86$ g/mol <div>  <div> R: 26/27/28-33 S: 1/2-13-28-45 disposal: 10 </div> </div>	PF. PF. 2843	100 g 1 kg	16,75 126,50	14,25 107,55	13,40 101,20	12,55 97,40

Code-Number

A) RIG/AGH

B) GGVS/CGVS

C) IMDG-CODE (GGVSsee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

96x

(1 Box)

(4 Boxes)

(16 Boxes)

Potassium tetracyanonickelate(II) see Potassium nickel cyanide

01740 Potassium tetrafluoroaluminate
C 6.1 2811 3 Potassium tétrafluoroaluminate / Potasio tetrafluoroaluminato

 KAlF_4 $M = 142,07 \text{ g/mol}$

Potassium tetrafluoroborate see Potassium fluoroborate

32329 Potassium tetroxalate dihydrate R. G., buffer substance
Potassium tétraoxalate dihydrate / Potasio tetraoxalato dihidrato

 $\text{KH}_3(\text{C}_2\text{O}_4)_2 \cdot 2\text{H}_2\text{O}$
 $\text{C}_4\text{H}_3\text{KO}_9 \cdot 2\text{H}_2\text{O}$ $M = 254,19 \text{ g/mol}$

assay	99,5—100,5%
insoluble in water	max. 0,005%
ammonium (NH_4)	max. 0,005%
iron (Fe)	max. 0,001%
heavy metals (as Pb)	max. 0,002%
chloride (Cl)	max. 0,001%
sulphate (SO_4)	max. 0,01%



R: 21/22 S: 2-24/25
disposal: 8

30318 Potassium tetroxiodate(VII) R. G.
C 5.1 1479 2 Potassium tétroxiodate(VII) / Potasio tetroxoyodato(VII)

 KJO_4 $M = 230,00 \text{ g/mol}$

assay (iodometric)	min. 99,5%
insoluble in water	max. 0,01%
iron (Fe)	max. 0,001%
manganese (Mn)	max. 0,0001%
heavy metals (as Pb)	max. 0,001%
other halogens (as Cl)	max. 0,01%
iodide (I)	max. 0,001%
sulphate (SO_4)	max. 0,01%

31272 Potassium thiocyanate R. G., Reag. ACS, Reag. ISO,
Reag. Ph. Eur. I
Potassium thiocyanate / Potasio tiocianato

 KSCN $M = 97,18 \text{ g/mol}$

assay	min. 99%
insoluble in water	max. 0,005%
insoluble in ethanol	max. 0,01%
pH (5%, 20 °C)	6,0—8,5
ammonium (NH_4)	max. 0,001%
iron (Fe)	max. 0,0001%
copper (Cu)	max. 0,0005%
sodium (Na)	max. 0,005%
heavy metals (as Pb)	max. 0,0005%
chloride (Cl)	max. 0,005%
sulphate (SO_4)	max. 0,001%
sulphide (S)	max. 0,001%
substances consuming iodine (as I)	max. 0,025%



R: 20/21/22-32 S: 2-13
disposal: 8

PF.
FTP.
2829

50 g	90,50	76,95	72,40	67,9
50 kg	price on request			

PF.
2915




100 g	14,75	12,55	11,80	11,0
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WG.
WG.
WG.
2832

25 g	9,50	8,10	7,60	7,1
100 g	25,25	21,45	20,20	18,9
250 g	53,—	45,05	42,40	39,7

PF.
PF.
FTP.
2844

250 g	16,—	13,60	12,80	12,—
1 kg	45,—	38,25	36,—	34,6
50 kg	kg	26,25		

Index-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
667	Potassium thiocyanate pure Erg. B. 6 <i>Potassium thiocyanate / Potasio tiocianato</i> KSCN M = 97,18 g/mol assay 98,5% ammonium (NH ₄) 0,005% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,01% sulphate (SO ₄) 0,005% sulphide (S) 0,001%  R: 20/21/22-32 S: 2-13 disposal: 8	PF. PF. PF. S. 2844	500 g 1 kg 5 kg 50 kg	17,25 31,25 130,50 price on request	14,65 26,55 108,30	13,80 25,— 101,80	13,30 24,05 97,90
2668	Potassium thiocyanate technical <i>Potassium thiocyanate / Potasio tiocianato</i> KSCN M = 97,18 g/mol assay 97,5%  R: 20/21/22-32 S: 2-13 disposal: 8	PF. PF. S. 2844	1 kg 5 kg 50 kg	26,75 113,50 price on request	22,75 94,20	21,40 88,55	20,60 85,15
8140	0,1 mol Potassium thiocyanate FIXANAL® 9,718 g KCNS for 1 L 0,1 N solution <i>0,1 mol Potassium thiocyanate / 0,1 mol Potasio tiocianato</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
2669	Potassium thiosulphate pure <i>Potassium thiosulfate / Potasio tiosulfato</i> K ₂ S ₂ O ₃ M = 190,33 g/mol assay 98% free alkali (as KOH) 0,02% iron (Fe) 0,002% sulphate (SO ₄) 0,5% sulphide (S) 0,001% Potassium titanium fluoride see Potassium fluorotitanate(IV)	PF. PF. 2837	1 kg 5 kg	30,— 112,50	25,50 93,40	24,— 87,75	23,10 84,40
4007	Potassium titanium oxide oxalate dihydrate technical <i>Potassium titanoxoxalate dihydrate / Potasio titanio óxido oxalato dihidrato</i> C ₄ K ₂ O ₉ Ti · 2H ₂ O M = 354,17 g/mol assay of TiO ₂ 20,5% insoluble in water 0,03% chloride (Cl) 0,005% sulphate (SO ₄) 0,02%  R: 21/22 S: 2-24/25 disposal: 8	PF. S. 2915	1 kg 50 kg	29,— price on request	24,65 23,20	23,20 22,35	
31273	Potassium xanthate R. G. <i>Potassium xanthate / Potasio xantogenato</i> C ₃ H ₅ KOS ₂ M = 160,30 g/mol assay (iodometric) min. 99,5% sulphide (S) passes test	PF. 2931	250 g	40,25	34,20	32,20	30,20
1255	Potassium zinc fluoride <i>Potassium zinc fluorure / Potasio zinc fluoruro</i> KZnF ₃ M = 161,47 g/mol	PF. 2829	1 kg	price on request			
56013	PPO for scintillation (2,5-Diphenyloxazole) QC(C ₆ H ₅) = CHN = CC ₆ H ₅ C ₁₅ H ₁₁ NO M = 221,26 g/mol melting range 70—72 °C	PF. PF. PF. 2935	100 g 500 g 1 kg	73,50 305,— 559,—	62,50 259,25 475,15	58,80 244,— 447,20	55,15 234,85 430,45

Code Number
A) INC. ADR
B) D. V. E. C. G. V. S.
C) MDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM




1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

		WG.	1 g	19,—	16,15	15,20	14,2
10582	Praseodymium powder <i>Praseodyme / Praseodimio</i> Pr M = 140,91 g/mol assay 99%	2805					
10583	Praseodymium fluoride <i>Praseodyme fluorure / Praseodimio fluoruro</i> PrF ₃ M = 197,90 g/mol assay 99%	WG. 2852	10 g	81,50	69,30	65,20	61,1
10584	Praseodymium nitrate-5-hydrate <i>Praseodyme nitrate-5-hydrate / Praseodimio nitrato-5-hidrato</i> Pr(NO ₃) ₃ · 5H ₂ O M = 417,00 g/mol assay 99%	WG. 2852	10 g	31,25	26,55	25,—	23,4
10585	Praseodymium oxide <i>Praseodyme oxyde / Praseodimio óxido</i> Pr ₂ O ₃ M = 1021,44 g/mol assay 99%	WG. 2852	10 g	27,75	23,60	22,20	20,8
Precipitate red see Mercury(II) oxide red							
Precipitate white see Mercury(II) amidchloride							
Precipitate yellow see Mercury(II) oxide yellow							
Pre-coated plates see							
20923	Procaine A Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Procaine A / Procaina A</i> NH ₂ C ₆ H ₄ COOCH ₂ CH ₂ N(CH ₂ CH ₃) ₂ · HCl C ₁₃ H ₂₁ ClN ₂ O ₂ M = 272,77 g/mol assay (for dry substance, titration with sodium nitrite) 99% melting range 154—157 °C loss on drying 0,5% sulphated ash 0,1% iron (Fe) 0,001% copper (Cu) 0,0003% heavy metals (as Pb) 0,002% nitrate (NO ₃) 0,05% 4-aminobenzoic acid 0,1%	PF. 2923	1 kg	54,50			
20922	Procaine P Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Procaine P / Procaina P</i> NH ₂ C ₆ H ₄ COOCH ₂ CH ₂ N(CH ₂ CH ₃) ₂ · HCl C ₁₃ H ₂₁ ClN ₂ O ₂ M = 272,77 g/mol assay (for dry substance, titration with sodium nitrite) 99% melting range 154—157 °C loss on drying 0,5% sulphated ash 0,1% iron (Fe) 0,001% copper (Cu) 0,0003% heavy metals (as Pb) 0,002% nitrate (NO ₃) 0,05% 4-aminobenzoic acid 0,1%	PF. 2923	1 kg	49,25			
20927	Proflavine hemisulphate B. P. 1968, B. P. C. 1968 <i>Proflavine hémisulfate / Proflavina hemisulfato</i> C ₂₀ H ₂₄ N ₆ O ₄ S · 2H ₂ O M = 552,61 g/mol assay (for water-free substance, titration with iron(III) cyanide) 98% sulphated ash 0,5% water (according to Karl Fischer) 3—7%	WG. PF. 2935	1 kg 5 kg	311,— price on request			

e-Number D/ADR VE/GGVS OG-CODE (GGVSee)	Type of package B.T.N.	Price per				
		package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
26	Proflavine monohydrochloride <i>Proflavine monochlorhydrate / Proflavina monoclorhidrato</i> $C_{13}H_{12}ClN_3 \cdot xH_2O$ M (anhydrous) = 245,71 g/mol assay (for dry substance, titration with iron(III) cyanide) 98% loss on drying (105 °C) 5% sulphated ash 0,5%	PF. 2935	1 kg	371,—		
184	DL-Proline BIOSYNTH® <i>DL-Proline / DL-Prolina</i> $NH(CH_2)_3CHCOOH$ $C_5H_9NO_2$ M = 115,13 g/mol assay (ex N) 98%	FL. 2935	1 g	12,50	10,65	10,— 9,40
332	L(-)-Proline BIOSYNTH® <i>L(-)-Proline / L(-)-Prolina</i> $NH(CH_2)_3CHCOOH$ $C_5H_9NO_2$ M = 115,13 g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=4 in H ₂ O) $-85^\circ \pm 2^\circ$	WG. 2935	10 g	15,50	13,20	12,40 11,65
867 6.1/81D 6.1 1615 3	Promecarb min. 99% PESTANAL® (5- <i>iso</i> -Propyl-3-methylphenyl-N-methylcarbamate) $CH = C[CH(CH_3)_2] = C(CH_3)CH = COCONHCH_3$ $C_{12}H_{17}NO_2$ M = 207,27 g/mol  R: 23/24/25 S: 2-13-44 disposal: 7	FL. 2925	1 g	28,25	24,—	22,60 21,20
751	Prometryne min. 99% PESTANAL® [2-Methylthio-4,6-bis-(isopropylamino)-1,3,5-triazine] $CH_3SC = NC[NHCH(CH_3)_2] = NC[NHCH(CH_3)_2] = N$ $C_{10}H_{19}N_5S$ M = 241,36 g/mol	FL. 2931	1 g	35,75	30,40	28,60 26,80
5908 6.1/83B 6.1 ./. 3	Propachloro min. 99% PESTANAL® $C_6H_5N(COCH_2Cl)CH(CH_3)_2$ $C_{11}H_{11}ClNO$ M = 208,67 g/mol  R: 20/21/22-36 S: 2-13 disposal: 7	FL. 2925	1 g	25,25	21,45	20,20 18,95
Propanal see Propionaldehyde						
5920 8/35 3.3 2258 2 40 °C	1,2-Propanediamine <i>Propanediamine-1-2 / 1,2-Propanodiamina</i> $CH_2(NH_2)CH(NH_2)CH_3$ $C_3H_{10}N_2$ M = 74,13 g/mol  R: 10-36/37/38 S: 28 disposal: 19	FL. STP. 2922	1 L 50 kg	32,— price on request	27,20	25,60 24,65
3137 8/35 3.3 1993 2 47 °C	1,3-Propanediamine PROSYNTH® <i>Propanediamine-1-3 / 1,3-Propanodiamina</i> $NH_2(CH_2)_3NH_2$ $C_3H_{10}N_2$ M = 74,13 g/mol 1 L ≈ 0,89 kg assay (ex N) 98% boiling range 138—140 °C refractive index (n_D^{20}) 1,458	FL. 2922	250 ml	14,50	12,35	11,60 10,90

Code Number
A: RIED/ADR
B: GVE/GVS
C: MOG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

16033 ○ 1,2-Propanediol Ph. Eur. I, B. P. 1973, Ph. Franç. IX,
U. S. P. XIX

Propanediol-1-2 / 1,2-Propanodiol

CH3CH(OH)CH2OH

C3H8O2 $M = 76,10$ g/mol

1 L ≈ 1,03 kg

assay (GC) 99%

boiling range 186–188 °C

density (D_4^{20}) 1,035–1,037

refractive index (n_D^{20}) 1,4310–1,4330

sulphated ash 0,005%

water (according to Karl Fischer) 0,1%

free acid (as CH3COOH) 0,01%

free alkali (as NaOH) 0,008%

arsenic (As) 0,0001%

heavy metals (as Pb) 0,0005%

chloride (Cl) 0,003%

sulphate (SO4) 0,002%

PF.

PK.

FPF.

F.

2904

1 L

24,25

6x
(1 Box)

20,60

24x
(4 Boxes)

19,40

96x
(16 Boxes)

18,6

5 L

94,50

78,45

73,70

70,9

30 kg

price on request

215 kg

price on request

60451 1,3-Propanediol PROSYNTH®

Propanediol-1-3 / 1,3-Propanodiol

CH2OHCH2CH2OH

C3H8O2 $M = 76,10$ g/mol

1 L ≈ 1,05 kg

assay (GC) 98%

boiling range 212–214 °C

refractive index (n_D^{20}) 1,440

FL.

2904

500 ml

80,—

68,—

64,—

61,6

39637 1,3-Propanediol maleinate for gas chromatography

1-3-Propanediol maléinate / 1,3-Propanodiol maleinato

[-OCH2CH(CH3)OCOCH=CHCO-]n

(C7H8O4)n $M = (156,14)n$ g/mol

working temperature 50 to 200 °C

WG.

3901

50 g

84,—

71,40

67,20

63,—

64812 1,2-Propanedithiol PROSYNTH®

1-2-Propanedithiol / 1,2-Propanoditol

CH3CH(SH)CH2SH

C3H8S2 $M = 108,23$ g/mol

1 L ≈ 1,08 kg

assay (GC) 95%

boiling range (at 15 mbar) 41–43 °C

refractive index (n_D^{20}) 1,532

FL.

2931

50 ml

54,—

45,90

43,20

40,5

64813 1,3-Propanedithiol PROSYNTH®

1-3-Propanedithiol / 1,3-Propanoditol

HS(CH2)3SH

C3H8S2 $M = 108,23$ g/mol

1 L ≈ 1,08 kg

assay (GC) 97%

boiling range (at 15 mbar) 58–60 °C

refractive index (n_D^{20}) 1,539

FL.

2931

50 ml

60,—

51,—

48,—

45,—

250 ml

253,—

215,05

202,40

189,7

65183 Propanephosphonic acid anhydride solution 50% in

dichloromethane PROSYNTH®

Anhydride propanephosphonique en solution / Anhídrido propanofosfónico en solución

(CH3CH2CH2PO2)n

(C3H7O2P)n $M = (106,06)n$ g/mol

1 L ≈ 1,32 kg

FL.

2934

100 ml

82,—

69,70

65,60

61,5



R: 20 S: 24
disposal: 13

63020 1-Propanethiol PROSYNTH®

Propanethiol-(1) / Propanotiol-(1)

CH3CH2CH2SH

C3H8S $M = 76,16$ g/mol

1 L ≈ 0,84 kg

assay (GC) 98%

boiling range 66–68 °C

refractive index (n_D^{20}) 1,438

FL.

2931

100 ml

9,50





8,10

7,60

7,1



R: 11 S: 9-16-33
disposal: 15

e-Number D/ADR GVE/GGVs MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
14	2-Propanethiol PROSYNTH®	FL.	500 ml	33,75	28,70	27,—	26,—
1A	<i>2-Propanethiol / 2-Propanotiol</i>	2931					
2 2402 2	(CH ₃) ₂ CHSH						
C	C ₃ H ₈ S M = 76,16 g/mol						
	1 L ≈ 0,81 kg						
	assay (GC) 97%						
	boiling range 57—60 °C						
	refractive index (n _D ²⁰) 1,425						
	 R: 11 S: 9-16-33 disposal: 15						
	Propane-1,2,3-triol see Glycerol						
	Propanoic acid see Propionic acid						
	iso-Propanol see Propanol-(2)						
	iso-Propanol see Propanol-(2)						
538	Propanol-(1) R. G., (propyl alcohol)	FL.	1 L	31,50	26,80	25,20	24,25
2 1274 2	<i>Propanol-(1) / Propanol-(1)</i>	FL.	2,5 L	65,50	54,35	51,10	49,15
2 °C	CH ₃ CH ₂ CH ₂ OH	EKL.	25 kg	kg	16,50		
	C ₃ H ₈ O M = 60,10 g/mol	2904					
	1 L ≈ 0,80 kg						
	assay (GC) min. 99%						
	boiling range 96—98 °C						
	density (D ₄ ²⁰) 0,804—0,805						
	refractive index (n _D ²⁰) 1,3850—1,3860						
	water (according to Karl Fischer) max. 0,05%						
	non-volatile matter max. 0,0005%						
	free acid (as C ₂ H ₅ COOH) max. 0,001%						
	aldehydes and cetones (as CH ₃ COCH ₃) max. 0,03%						
	 R: 11 S: 7-16 disposal: 5						
971	Propanol-(1) CHROMASOLV® for chromatography (UV-	FL.	1 L	price on request			
2 1274 2	detection)	2904					
2 °C	<i>Propanol-(1) / Propanol-(1)</i>						
	CH ₃ CH ₂ CH ₂ OH						
	C ₃ H ₈ O M = 60,10 g/mol						
	1 L ≈ 0,80 kg						
	assay (GC) min. 99,7%						
	non-volatile matter max. 0,0005%						
	water (according to Karl Fischer) max. 0,05%						
	free acid (as CH ₃ CH ₂ COOH) max. 0,001%						
	transmittance						
	(film thickness 1 cm; comparison water)						
	penetration/wave-length (nm):						
	min. 20%/220, min. 80%/240, min. 98%/from 270						
	 R: 11 S: 7-16 disposal: 5						
135	Propanol-(1)	FL.	1 L	21,50	18,30	17,20	16,55
2 1274 2	<i>Propanol-(1) / Propanol-(1)</i>	FL.	2,5 L	43,—	35,70	33,55	32,25
2 °C	CH ₃ CH ₂ CH ₂ OH	EKL.	25 kg	kg	6,60		
	C ₃ H ₈ O M = 60,10 g/mol	EKL.	5x	kg	6,05		
	1 L ≈ 0,80 kg	EKL.	10x	kg	5,75		
	assay (GC) 99%	F.	160 kg	kg	5,40		
	boiling range 96—98 °C	2904					
	density (D ₄ ²⁰) 0,804—0,805						
	refractive index (n _D ²⁰) 1,3850—1,3860						
	non-volatile matter 0,001%						
	water (according to Karl Fischer) 0,05%						
	free acid (as C ₂ H ₅ COOH) 0,002%						
	aldehydes and cetones (as CH ₃ COCH ₃) 0,05%						
	 R: 11 S: 7-16 disposal: 5						

Code-Number

A) RHD/ADR
B) GSGE/SGVS
C) MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

33539 Propanol-(2) R. G., Reag. ACS, Reag. Ph. Eur. I (iso-propyl alcohol)

A 3/5
C 3.2 1219 2
+12°C

CH3CH(OH)CH3
C₃H₈O M = 60,10 g/mol 1 L ≈ 0,78 kg
assay (GC) min. 99,7%
boiling range 81–83 °C
density (D₄²⁰) 0,785–0,787
refractive index (n_D²⁰) 1,3770–1,3780
water (according to Karl Fischer) max. 0,1%
light absorption passes test
non-volatile matter max. 0,001%
free acid (as C₂H₅COOH) max. 0,002%
free alkali (as NH₃) max. 0,002%
aldehydes and ketones (as CH₃COCH₃) max. 0,02%
matters reducing KMnO₄ (as O) max. 0,0005%



R: 11 S: 7-16
disposal: 5

FL.	1 L	19,—	16,15	14,80	14,0
FL.	2,5 L	38,—	31,55	29,65	28,5
EKL.	20 kg	kg	7,70		
EKL.	5x	kg	7,15		
EKL.	10x	kg	6,75		

2904

34904 Propanol-(2) SPECTRANAL®

A 3/5
C 3.2 1219 2
+12°C

CH3CH(OH)CH3
C₃H₈O M = 60,10 g/mol 1 L ≈ 0,78 kg
assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (acc. to Karl Fischer) max. 0,05%
free acid (as CH₃CH₂COOH) max. 0,001%
suitability for UV spectroscopy
transmittance (1 cm cell/reference: water)
transmittance/wavelength (nm):
min. 25%/210, min. 55%/220, min. 75%/230, min.
95%/250, min. 98%/from 260
suitability for IR spectroscopy passes test



R: 11 S: 7-16
disposal: 5

FL.	1 L	34,50	29,35	27,60	26,5
FL.	2,5 L	72,—	59,75	56,15	54,—

2904

34863 Propanol-(2) CHROMASOLV® for chromatography (UV-detection)

A 3/5
C 3.2 1219 2
+12°C

CH3CH(OH)CH3
C₃H₈O M = 60,10 g/mol 1 L ≈ 0,78 kg
assay (GC) min. 99,8%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,05%
free acid (as CH₃CH₂COOH) max. 0,001%
transmittance (1 cm cell;
reference water)
transmittance/wavelength (nm):
min. 20%/210, min. 50%/220,
min. 75%/230, min. 98%/from 260



R: 11 S: 7-16
disposal: 5

FL.	1 L	21,75	18,50	17,40	16,—
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2904

34486 Propanol-(2) PESTANAL®

A 3/5
C 3.2 1219 2
12°C

CH3CHOHCH3
C₃H₈O M = 60,10 g/mol 1 L ≈ 0,78 kg
assay (GC) min. 99,7%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,1%
suitability for residue analysis
Traceable accompanying substances (GC/ECD) (column
0,5 m. glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volume zones
between Pentachlorobenzene, α-HCH, Aldrin and DDT a
peak of < 5 · 10⁻¹⁰ % ≈ 5 ng/l.




R: 11 S: 7-16
disposal: 5

FL.	1 L	26,50	22,55	21,20	20,—
FL.	2,5 L	55,50	46,05	43,30	41,—

2904

e-Number ADR VE/GGVS OG-CODE (GGVSee)	Type of package B.T.N.	Price per			
		package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)

30	Propanol-(2) MOS PURANAL® particle class 0 Propanol-(2) / Propanol-(2)	FL. 2904	2,5 L	price on request	
1219 2	CH ₃ CH(OH)CH ₃				
°C	C ₃ H ₈ O M = 60,10 g/mol 1 L ≈ 0,78 kg				
	assay (GC) min. 99,7%				
	boiling range 81–83 °C				
	density (D ₄ ²⁰) 0,785–0,787				
	refractive index (n _D ²⁰) 1,3770–1,3780				
	non-volatile matter max. 5 ppm				
	water (according to Karl Fischer) max. 1000 ppm				
	free acid (as CH ₃ CH ₂ COOH) max. 10 ppm				
	aluminium (Al) max. 0,05 ppm				
	antimony (Sb) max. 0,01 ppm				
	arsenic (As) max. 0,01 ppm				
	barium (Ba) max. 0,1 ppm				
	beryllium (Be) max. 0,01 ppm				
	lead (Pb) max. 0,02 ppm				
	boron (B) max. 0,02 ppm				
	cadmium (Cd) max. 0,01 ppm				
	calcium (Ca) max. 0,2 ppm				
	chromium (Cr) max. 0,01 ppm				
	iron (Fe) max. 0,1 ppm				
	gallium (Ga) max. 0,02 ppm				
	gold (Au) max. 0,02 ppm				
	indium (In) max. 0,02 ppm				
	potassium (K) max. 0,1 ppm				
	cobalt (Co) max. 0,01 ppm				
	copper (Cu) max. 0,01 ppm				
	lithium (Li) max. 0,02 ppm				
	magnesium (Mg) max. 0,1 ppm				
	manganese (Mn) max. 0,01 ppm				
	molybdenum (Mo) max. 0,01 ppm				
	sodium (Na) max. 0,2 ppm				
	nickel (Ni) max. 0,01 ppm				
	platinum (Pt) max. 0,02 ppm				
	silver (Ag) max. 0,02 ppm				
	strontium (Sr) max. 0,02 ppm				
	thallium (Tl) max. 0,02 ppm				
	titanium (Ti) max. 0,01 ppm				
	vanadium (V) max. 0,01 ppm				
	bismuth (Bi) max. 0,02 ppm				
	zinc (Zn) max. 0,05 ppm				
	tin (Sn) max. 0,02 ppm				
	zirconium (Zr) max. 0,01 ppm				
	chloride (Cl) max. 1 ppm				
	sulphate (SO ₄) max. 1 ppm				
	aldehydes and ketones (as CH ₃ COCH ₃) max. 200 ppm				
	 R: 11 S: 7-16 disposal: 5				

Code Number
A) R.C. ADH
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)

17829 Propanol-(2) PURANAL®
A 3/5 Propanol-(2) / Propanol-(2)

C 3.2 1219 2 CH₃CH(OH)CH₃ 1 L ≈ 0,78 kg
+12°C C₃H₈O M = 60,10 g/mol
assay (GC) min. 99,7%
boiling range 81–83°
density (D₄²⁰) 0,785–0,787
refractive index (n_D²⁰) 1,3770–1,3780
non-volatile matter max. 5 ppm
water (acc. to Karl Fischer) max. 1000 ppm
free acid (as CH₃CH₂COOH) max. 10 ppm
aluminium (Al) max. 0,05 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
iron (Fe) max. 0,1 ppm
gallium (Ga) max. 0,02 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,02 ppm
chloride (Cl) max. 1 ppm
sulphate (SO₄) max. 1 ppm
aldehydes and ketone (as CH₃COCH₃) max. 200 ppm



R: 11 S: 7-16
disposal: 5

24137 Propanol-(2) DAC
A 3/5 Propanol-(2) / Propanol-(2)

C 3.2 1219 2 CH₃CH(OH)CH₃ 1 L ≈ 0,78 kg
+12°C C₃H₈O M = 60,10 g/mol
assay (GC) 99,5%
boiling range 81–83°C
density (D₄²⁰) 0,785–0,787
refractive index (n_D²⁰) 1,3770–1,3780
non-volatile matter 0,002%
water (according to Karl Fischer) 0,2%
free acid (as CH₃CH₂COOH) 0,002%
heavy metals (as Pb) 0,00002%
aldehydes and cetones (as CH₃COCH₃) 0,05%



R: 11 S: 7-16
disposal: 5

09070 Propanol-(2)-d₈ deuteration degree not less than 99 atom% D
A 3/5 Propanol-(2)-d₈ / Propanol-(2)-d₈

C 3.2 1219 2 CD₃CD(OD)CD₃ 1 L ≈ 0,92 kg
+12°C C₃D₈O M = 68,03 g/mol








R: 11 S: 7-16
disposal: 5

FL.
EKL.
2904

2,5 L price on request
20 kg price on request

FL.	1 L	17,50	14,90	13,65	1
FL.	2,5 L	35,25	29,25	27,50	2
EKL.	20 kg	kg	5,80		
EKL.	5x	kg	5,40		
EKL.	10x	kg	5,10		
EKL.	25x	kg	4,90		
F.	160 kg	kg	4,40		

A.	5 ml	65,50	55,70	52,40	4
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e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
2-Propanon see Acetone							
262	Propargyl alcohol PROSYNTH® <i>Alcool propargylique / Alcohol propargílico</i>	FL. 2904	500 ml	39,75	33,80	31,80	30,60
1/13A							
3 1986 2	HC≡CCH ₂ OH						
C	C ₃ H ₄ O M = 56,06 g/mol 1 L ≈ 0,95 kg						
	assay (GC) 99%						
	boiling range 112–114 °C						
	refractive index (n _D ²⁰) 1,432						
	  R: 11-36/37/38 S: 9-16-29 disposal: 6						
308	Propazine min. 99% PESTANAL® [2,4-Bis-(isopropylamino)-6-chloro-1,3,5-triazine] <u>ClC=NC[NHCH(CH₃)₂]=NC[NHCH(CH₃)₂]=N</u> C ₉ H ₁₆ ClN ₅ M = 229,71 g/mol	FL. 2935	1 g	28,25	24,—	22,60	21,20
	2-Propene-(1,2)-dicarboxylic acid see Itaconic acid						
	Propene-(2)-ol-(1) see Allyl alcohol						
	Propene-(1)-thiol-(3) see Allylmercaptan						
	1-Propene-(1,2,3)-tricarboxylic acid see <i>trans</i> -Aconitic acid						
	Propenoic acid see Acrylic acid						
	Propenol see Allyl alcohol						
601	iso-Propenyl acetate PROSYNTH® <i>iso-Propényle acétate / iso-Propenilo acetato</i>	FL. 2914	1 L	31,50	26,80	25,20	24,25
3/1A							
3.2 2403 2	CH ₃ COOC(CH ₃)=CH ₂						
15 °C	C ₅ H ₈ O ₂ M = 100,12 g/mol 1 L ≈ 0,92 kg						
	assay (GC) 99%						
	boiling range 94–97 °C						
	refractive index (n _D ²⁰) 1,401						
	 R: 11 S: 16-23-29-33 disposal: 6						
	Propenyl chloride see 1-Chloropropene-(1)						
	iso-Propenyl chloride see 2-Chloropropene-(1)						
5784	Propham (IPC) min. 99% PESTANAL® (Isopropyl-N-phenylcarbamate) C ₆ H ₅ NHC(O)OCH(CH ₃) ₂ C ₁₀ H ₁₃ NO ₂ M = 179,22 g/mol	FL. 2921	1 g	28,25	24,—	22,60	21,20
	Propine-(2)-ol-(1) see Propargyl alcohol						
	Propinic acid see Propiolic acid						
3021	Propiolic acid PROSYNTH® <i>Acide propiolique / Acido propiólico</i>	FL. 2914	25 ml	83,—	70,55	66,40	62,25
8/21							
3 1760 2	HC≡CCOOH						
14 °C	C ₃ H ₂ O ₂ M = 70,05 g/mol 1 L ≈ 1,14 kg						
	assay (alkalimetric) 98%						
	boiling range (at 67 mbar) 82–84 °C						
	refractive index (n _D ²⁰) 1,432						
6032	Propionaldehyde <i>Aldéhyde propionique / Propionaldehido</i>	FL. 2911	1 L	23,25	19,75	18,60	17,90
3/1A							
3.2 1275 2	CH ₃ CH ₂ CHO						
5 °C	C ₃ H ₆ O M = 58,08 g/mol 1 L ≈ 0,81 kg						
	assay (GC) 98%						
	boiling range 47–48 °C						
	density (D ₄ ²⁰) 0,803–0,805						
	refractive index (n _D ²⁰) 1,3620–1,3630						
	  R: 11-36/37/38 S: 9-16-29 disposal: 14						

Code Number
A) R.C./ADH
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(4 Boxes)

96
(16 Boxes)

63022 Propionamide PROSYNTH® Propionamide / Propionamida

CH3CH2CONH2
C3H7NO $M = 73,09$ g/mol
assay (ex N) 97%
melting range 76–79 °C

PF.
2925

100 g 41,25 35,05 33,— 30,1

27747 Propionic acid Acide propionique / Acido propiónico

A 8/21D
C 8 1848 3
+54 °C
CH3CH2COOH
C3H6O2 $M = 74,08$ g/mol
1 L ≈ 0,99 kg
assay 99,5%
residue on ignition 0,01%
iron (Fe) 0,0005%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,0005%

PF.
PF.
STP.
2914

1 L 17,25 14,65 13,80 13,
2,5 L 36,25 30,10 28,30 27,
25 kg price on request



R: 34 S: 2-23-26
disposal: 21

Propionic acid amide see Propionamide

63024 Propionic anhydride PROSYNTH® Anhydride propionique / Anhídrido propiónico

A 8/21D
C 8 2496 3
+74 °C
(CH3CH2CO)2O
C6H10O3 $M = 130,14$ g/mol
1 L ≈ 1,01 kg
assay (GC) 97%
boiling range 167–169 °C
refractive index (n_D^{20}) 1,404

FL.
2914

1 L 35,— 29,75 28,— 26,



R: 34 S: 26
disposal: 21

63023 Propionitrile PROSYNTH® Propionitrile / Propionitrilo

A 6.1/2B
C 3.2 2404 2
+2 °C
CH3CH2CN
C3H5N $M = 55,08$ g/mol
1 L ≈ 0,78 kg
assay (GC) 99%
boiling range 95–97 °C
refractive index (n_D^{20}) 1,366

FL.
2927

1 L 44,75 38,05 35,80 34,



R: 11-23/24/25 S: 16-27-44
disposal: 15

Propionylbenzene see Propiophenone

63025 Propiophenone PROSYNTH® Propiophénone / Propiofenona

A 3/4
+88 °C
C6H5COC2H5
C9H10O $M = 134,18$ g/mol
1 L ≈ 1,01 kg
assay (GC) 99%
boiling range 216–218 °C
refractive index (n_D^{20}) 1,526

FL.
2913

1 L 71,— 60,35 56,80 54,

3-Propylacroleine see Hexene-(2)-al-(1)

iso-Propyl alcohol see Propanol-(2)

n-Propyl alcohol see Propanol-(1)

Propyl alcohol secondary see Propanol-(2)

63026 n-Propylamine PROSYNTH® n-Propylamine / n-Propilamina








A 3/5
C 3.1 1277 2
-37 °C
CH3CH2CH2NH2
C3H7N $M = 59,11$ g/mol
1 L ≈ 0,72 kg
assay (GC) 99%
boiling range 47–49 °C
refractive index (n_D^{20}) 1,389

FL.
2922

1 L 42,75 36,35 34,20 32



R: 11-36/37 S: 16-26-29
disposal: 19

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
688	iso-Propylamine, mono anhydrous <i>iso-Propylamine, mono / iso-Propilamina, mono</i> (CH ₃) ₂ CHNH ₂ C ₃ H ₉ N M = 59,11 g/mol 1 L ≈ 0,69 kg   R: 12-36/37/38 S: 16-26-29 disposal: 19	FL. EKL. 2922	1 L 20 kg	20,75 price on request	17,65	16,60	16,—
5657	iso-Propylamine solution abt. 70% <i>iso-Propylamine en solution / iso-Propilamina en solución</i> (CH ₃) ₂ CHNH ₂ C ₃ H ₉ N M = 59,11 g/mol 1 L ≈ 0,81 kg   R: 12-36/37/38 S: 16-26-29 disposal: 19	FL. 2922	1 L	18,75 15,95 15,— 14,45			
5170	4-iso-Propylaniline PROSYNTH® <i>iso-Propyl-4-aniline / 4-iso-Propilanolina</i> (CH ₃) ₂ CHC ₆ H ₄ NH ₂ C ₉ H ₁₃ N M = 135,21 g/mol 1 L ≈ 0,99 kg assay (GC) 99% boiling range (at 993 mbar) 225—227 °C refractive index (n _D ²⁰) 1,543  R: 23/24/25-33 S: 28-37-44 disposal: 19	FL. 2922	100 ml	35,— 29,75 28,— 26,25			
0477	4-Propylbenzaldehyde PROSYNTH® <i>Propyl-4-benzaldéhyde / 4-Propilbenzaldehydo</i> CH ₃ CH ₂ CH ₂ C ₆ H ₄ CHO C ₁₀ H ₁₂ O M = 148,20 g/mol 1 L ≈ 0,97 kg assay (GC) 99% boiling range 112—114 °C	FL. FL. 2911	25 ml 1 L	213,— 5472,—	181,05 4651,20	170,40 4377,60	159,75 4213,45
3027	4-iso-Propylbenzaldehyde PROSYNTH® <i>iso-Propyl-4-benzaldéhyde / 4-iso-Propilbenzaldehydo</i> (CH ₃) ₂ CHC ₆ H ₄ CHO C ₁₀ H ₁₂ O M = 148,20 g/mol 1 L ≈ 0,98 kg assay (GC) 90%	FL. 2911	100 ml	29,— 24,65 23,20 21,75			
3028	n-Propylbenzene PROSYNTH® <i>n-Propylbenzène / n-Propilbenceno</i> C ₆ H ₅ CH ₂ CH ₂ CH ₃ C ₉ H ₁₂ M = 120,19 g/mol 1 L ≈ 0,86 kg assay (GC) 99% boiling range 157—159 °C refractive index (n _D ²⁰) 1,492  R: 10-37 disposal: 6	FL. 2901	100 ml	16,75 14,25 13,40 12,55			
	iso-Propylbenzene see Cumene						
20139	iso-Propyl-β-bromallylbarbituric acid DAB 7 <i>Acide iso-propyl-β-bromallylbarbiturique / Acido iso-propil-β-bromalilbarbitúrico</i> C ₁₀ H ₁₃ BrN ₂ O ₃ M = 289,13 g/mol  R: 20/21/22 S: 28 disposal: 21	PF. FTP. 2925	100 g 25 kg	35,— price on request	29,75	28,—	26,25
	iso-Propyl bromide see 2-Bromopropane n-Propyl bromide see 1-Bromopropane						

Code-Number
A) RID/ADR
B) GGV/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(96 Boxes)

02890 **iso-Propyl 2-bromo-iso-butyrate**
A 3/4 **iso-Propyle bromo-2-iso-butyrate / iso-Propilo 2-bromo-iso-**
C 3.3 1993 **butirato**

+60 °C
(CH3)2CBrCOOCH(CH3)2
C7H13BrO2 $M = 209,08$ g/mol 1 L \approx 1,24 kg
assay (GC) 99%
boiling range (at 25 mbar) 68–70 °C
refractive index (n_D^{20}) 1,438

Propyl chloride see 1-Chloropropane

Propyl cyanide see Butyronitrile

iso-Propyl cyanide see Isobutyronitrile

64818 **N-iso-Propylcyclohexylamine PROSYNTH®**
A 8/35 **N-iso-Propylcyclohexylamine / N-iso-Propilciclohexilamina**

C 8 1719 2
(CH3)2CHNHCH(CH2)4CH2
C9H19N $M = 141,26$ g/mol 1 L \approx 0,84 kg
assay (GC) 98%
boiling range (at 16 mbar) 62–64 °C
refractive index (n_D^{20}) 1,448

39385 **2',3'-O-iso-Propyleneadenosine BIOSYNTH®**
2'-3'-O-iso-Propylèneadénosine / 2',3'-O-iso-
Propilidenadenosina

C13H17N5O4 $M = 307,31$ g/mol

Propylene bromide see 1,2-Dibromopropane

34492 **Propylene carbonate PESTANAL®**
Propylène carbonate / Propileno carbonato

OCH(CH3)CH2OCO
C4H6O3 $M = 102,09$ g/mol 1 L \approx 1,20 kg



R: 36/38 S: 2-26
disposal: 6

60264 **Propylene carbonate PROSYNTH®**
Propylène carbonate / Propileno carbonato

OCH(CH3)CH2OCO
C4H6O3 $M = 102,09$ g/mol 1 L \approx 1,20 kg
assay (GC) 99%
boiling range 241–243 °C
refractive index (n_D^{20}) 1,422



R: 36/38 S: 2-26
disposal: 6

Propylenediamine see 1,2-Propanediamine

Propylene glycol see Propanediol

Propylene mercaptan see 1,2-Propanedithiol

60497 **N,N'-Propylene urea PROSYNTH®**
N-N'-Propylène urée / N,N'-Propileno urea

NHCONHCH2CH2CH2
C4H9N2O $M = 100,12$ g/mol
assay (ex N) 98%
melting range 262–265 °C

iso-Propyl ether see Di-iso-propyl ether

Propylethylene see Pentene-(1)

FL.
2914

100 ml 75,— 63,75 60,— 56,2

FL.
2922

100 ml 35,— 29,75 28,— 26,2

FL.
2935

1 g 28,25 24,— 22,60 21,2

FL.
2921



1 L 123,50 105,— 98,80 95,1

PF.
2921

500 ml 17,75 15,10 14,20 13,6

PF.
2935

500 g 62,— 52,70 49,60 47,

e-Number D/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
065 1A 2 1993 2 C	<i>n</i>-Propyl formate PROSYNTH® <i>n</i> -Propyle formiate / <i>n</i> -Propilo formiato <chem>HCOOCH2CH2CH3</chem> <chem>C4H8O2</chem> $M = 88,11$ g/mol 1 L ≈ 0,90 kg assay (GC) 98% boiling range 80–82 °C refractive index (n_D^{20}) 1,378  R: 11 S: 9-16-33 disposal: 6	FL. 2914	100 ml	20,25	17,20	16,20	15,20
617	Propyl gallate PROSYNTH® <i>Propyle gallate / Propilo galato</i> <chem>(HO)3C6H2COOCH2CH2CH3</chem> <chem>C10H12O5</chem> $M = 212,20$ g/mol assay (HPLC) 98% melting range 147–149 °C	PF. 2916	100 g	30,75	26,15	24,60	23,05
732	Propyl 4-hydroxybenzoate PROSYNTH® <i>Propyle 4-hydroxybenzoate / Propilo 4-hidroxi benzoato</i> <chem>HOC6H4COOCH2CH2CH3</chem> <chem>C10H12O3</chem> $M = 180,20$ g/mol assay 99% melting range 95–97 °C <i>iso</i> -Propyl iodide see 2-Iodopropane <i>n</i> -Propyl iodide see 1-Iodopropane Propylmercaptan see Propanethiol-(1)	WG. 2916	250 g	33,25	28,25	26,60	24,95
1376	<i>iso</i>-Propyl myristate PROSYNTH® <i>iso</i> -Propyle myristate / <i>iso</i> -Propilo miristato <chem>CH3(CH2)12COOCH(CH3)2</chem> <chem>C17H34O2</chem> $M = 270,45$ g/mol 1 L ≈ 0,85 kg assay (GC) 93% boiling range (at 27 mbar) 188–191 °C refractive index (n_D^{20}) 1,434	FL. 2914	1 L	33,—	28,05	26,40	25,40
4089 3/1A 3.2 1993 2 9 °C	<i>iso</i>-Propyl nitrite PROSYNTH® stabilized <i>iso</i> -Propyle nitrite / <i>iso</i> -Propilo nitrito <chem>(CH3)2CHONO</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol 1 L ≈ 0,86 kg assay (GC) 95% boiling range 39–41 °C refractive index (n_D^{20}) 1,352 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 11 S: 9-16-33 disposal: 20	FL. 2921	250 ml	63,—	53,55	50,40	47,25
20011	<i>iso</i>-Propylphenazone <i>iso</i> -Propylphénazone / <i>iso</i> -Propilfenazona <chem>C14H18N2O</chem> $M = 230,31$ g/mol	PF. 2935	1 kg	81,50	69,30	65,20	62,75
3583 3/4	4-Propylpyridine PROSYNTH® <i>4</i> -Propylpyridine / <i>4</i> -Propilpiridina <chem>N=CHCH=C(CH2CH2CH3)CH=CH</chem> <chem>C8H11N</chem> $M = 121,18$ g/mol 1 L ≈ 0,92 kg assay (GC) 93% boiling range (at 27 mbar) 76–79 °C refractive index (n_D^{20}) 1,496	FL. 2935	25 ml	32,50	27,65	26,—	24,40
63030	4-Propyl-2-thiouracil PROSYNTH® <i>4</i> -Propyl-2-thiouracile / <i>4</i> -Propil-2-tiouracilo <chem>CH3CH2CH2C=CHCONHCSNH</chem> <chem>C7H10N2OS</chem> $M = 170,23$ g/mol assay (argentometric) 98% melting range 218–220 °C	PF. 2935	100 g	86,50	73,55	69,20	64,90

Code-Number
A) HMDADR
B) GSV/AGSVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

Propyl 3,4,5-trihydroxybenzoate see Propyl gallate
PROSYNTH® Chemicals for organic synthesis, complete
range see appendix
Protocatechualdehyde see 3,4-Dihydroxybenzaldehyde
Protocatechualdehydemethylene ether bisulphite
see Heliotropin bisulphite
Protocatechuic acid see 3,4-Dihydroxybenzoic acid
64821 Protoporphyrin IX dimethyl ester PROSYNTH®
Protoporphyrine IX, ester diméthylque / Protoporfirina IX,
ester dimetilico
package of 100 mg

C₃₆H₃₈N₄O₄ M = 590,72 g/mol
assay (ex N) 98%
melting range 221–223 °C (disint.)

56055 Pseudocumene for scintillation
A 3/3 Pseudocumène / Pseudocumeno
C 3.3 1993 2 C₈H₃(CH₃)₃
43 °C C₈H₁₂ M = 120,19 g/mol 1 L ≈ 0,86 kg



R: 10-36/37/38 S: 28
disposal: 6

15339 Pseudocumene
A 3/3 Pseudocumène / Pseudocumeno
C 3.3 1993 2 C₈H₃(CH₃)₃
+43 °C C₈H₁₂ M = 120,19 g/mol 1 L ≈ 0,86 kg
boiling range 165–169 °C
density (D₄²⁰) 0,875–0,877
refractive index (n_D²⁰) 1,5040–1,5055



R: 10-36/37/38 S: 28
disposal: 6

Pseudocumidine see 2,4,5-Trimethylaniline

31802 Pumice stone R. G.
Pierre ponce / Piedra pómez

PURANAL® We supply under the registered trade-mark
PURANAL® chemicals of exceptional purity for special
applications in the optical and electronic industries see
respective article.

39186 Purine BIOSYNTH®
Purine / Purina
C₅H₄N₂ M = 120,12 g/mol
assay (ex N) 98%
melting range 215–217 °C

Putrescine see Tetramethylenediamine

16540 PVP Iodine 17/12 U.S.P. XIX (Polyvinylpyrrolidone iode
complex)
PVP Iode 17/12 / PVP Yodo 17/12

Pyoktanin see Gentian Violet

63031 Pyrazine PROSYNTH®
Pyrazine / Piracina
N = CHCH = NCH = CH
C₄H₄N₂ M = 80,09 g/mol
assay (GC) 99,0%
melting range 52–54 °C

2935 1 pack 48,— 40,80 38,40 36,—

FL. 1 L 28,75 24,45 23,— 22,15
2901



FL. 1 L 22,— 18,70 17,60 16,95
2901

PF. 500 g 14,25 12,10 11,40 10,95
PF. 1 kg 25,75 21,90 20,60 19,85
2513

FL. 1 g 76,50 65,05 61,20 57,45
2935

FL. 10 g price on request
2935

FL. 1 g 7,75 6,60 6,20 5,85
2935

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
498	Pyrazinecarboxamide PROSYNTH® <i>Pyrazinecarboxamide / Piracincarboxamida</i> $\text{CH}=\text{NCH}=\text{CHN}=\text{C}\text{CONH}_2$ $\text{C}_5\text{H}_5\text{N}_3\text{O}$ $M=123,11$ g/mol assay (ex N) 99% melting range 189–191 °C	WG. 2935	10 g	13,75	11,70	11,—	10,30
1822	2-Pyrazinecarboxylic acid PROSYNTH® <i>Acide pyrazinecarboxylique-2 / Acido 2-piracincarboxilico</i> $\text{CH}=\text{NCH}=\text{CHN}=\text{C}\text{COOH}$ $\text{C}_5\text{H}_4\text{N}_2\text{O}_2$ $M=124,10$ g/mol assay (alkalimetric) 98% melting range 222–225 °C (disint.)	WG. 2935	25 g	30,—	25,50	24,—	22,50
1823	2,3-Pyrazinedicarboxylic acid PROSYNTH® <i>Acide pyrazinedicarboxylique-2-3 / Acido 2,3-piracindicarboxilico</i> $\text{N}=\text{CHCH}=\text{NC}(\text{COOH})=\text{C}\text{COOH}$ $\text{C}_6\text{H}_4\text{N}_2\text{O}_4$ $M=168,11$ g/mol assay (alkalimetric) 99% melting range 186–188 °C (disint.)	WG. 2935	25 g	price on request			
3032	Pyrazole PROSYNTH® <i>Pyrazole / Pirazol</i> $\text{NHN}=\text{CHCH}=\text{CH}$ $\text{C}_3\text{H}_4\text{N}_2$ $M=68,08$ g/mol assay (GC) 98% melting range 66–69 °C	WG. 2935	10 g	18,—	15,30	14,40	13,50
3033	Pyrene PROSYNTH® <i>Pyrène / Pireno</i> $\text{C}_{16}\text{H}_{10}$ $M=202,26$ g/mol	PF. 2901	100 g	32,25	27,40	25,80	24,20
33733	Pyridazine PROSYNTH® <i>Pyridazine / Piridacino</i> $\text{N}=\text{NCH}=\text{CHCH}=\text{CH}$ $\text{C}_4\text{H}_4\text{N}_2$ $M=80,09$ g/mol assay (GC) 98% boiling range 206–208 °C refractive index (n_D^{20}) 1,523	FL. 2935	5 g	14,75	12,55	11,80	11,05
33597	3,6-Pyridazinediol PROSYNTH® <i>3-6-Pyridazinediol / 3,6-Piridacindiol</i> $\text{HNCOCH}=\text{CHCONH}$ $\text{C}_4\text{H}_4\text{N}_2\text{O}_2$ $M=112,09$ g/mol assay (alkalimetric) 98% melting range 299–301 °C (disint.)	WG. 2929	250 g	31,75	27,—	25,40	23,80
64824	2,2'-Pyridil PROSYNTH® <i>2-2'-Pyridil / 2,2'-Piridil</i> $\text{N}=\text{CHCH}=\text{CHCH}=\text{CCOCO}\text{C}=\text{CHCH}=\text{CHCH}=\text{N}$ $\text{C}_{12}\text{H}_8\text{N}_2\text{O}_2$ $M=212,21$ g/mol assay (GC) 97% melting range 152–154 °C Pyridilmethanol see (Hydroxymethyl)-pyridine	WG. 2935	100 g	133,—	113,05	106,40	99,75
09078 A 3/5 C 3.2 1282 2 +17 °C	Pyridine-d₅ deuteration degree not less than 99,8 atom %D <i>Pyridine-d₅ / Piridina-d₅</i> $\text{N}=\text{CD}\text{CD}=\text{CD}\text{CD}=\text{CD}$ $\text{C}_5\text{D}_5\text{N}$ $M=84,06$ g/mol 1 L ≈ 1,05 kg	A. 2851	10 ml	330,—	280,50	264,—	247,50
<div></div> <div>R: 11-20/21/22 S: 26-28 disposal: 19</div>							

Code Number
A) R.C. ADR
B) GHS, GHSVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

34945 Pyridine R. G. dried (max. 0,01% H₂O), Reag. Ph. Eur. I

A 3/5 *Pyridine / Piridina*

C 3.2 1282 2 $N=CHCH=CHCH=CH$

+17°C

C_5H_5N $M=79,10$ g/mol **1 L ≈ 0,98 kg**
assay (GC) min. 99,5%
boiling range 114–116 °C
density (D₄²⁰) 0,981–0,983
refractive index (n_D²⁰) 1,5090–1,5100
non-volatile matter max. 0,005%
water (according to Karl Fischer) max. 0,01%
ammonia (NH₃) max. 0,001%
aluminium (Al) max. 0,00005%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,000002%
cadmium (Cd) max. 0,000005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,000002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,000002%
copper (Cu) max. 0,000002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,000002%
nickel (Ni) max. 0,000002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
chloride (Cl) max. 0,0005%
sulphate (SO₄) max. 0,0005%
KMnO₄ red. matters (as O) max. 0,0005%
2-picoline max. 0,2%
piperidine max. 0,01%



R: 11-20/21/22 S: 26-28
disposal: 19

FL.
2935

1 L 74,— 62,90 59,20 57,—

33553 Pyridine R. G., Reag. ACS, Reag. Ph. Eur. I

A 3/5 *Pyridine / Piridina*

C 3.2 1282 2 $N=CHCH=CHCH=CH$

+17°C

C_5H_5N $M=79,10$ g/mol **1 L ≈ 0,98 kg**
assay (GC) min. 99,5%
boiling range 114–116 °C
density (D₄²⁰) 0,981–0,983
refractive index (n_D²⁰) 1,5090–1,5100
non-volatile matter max. 0,002%
water (according to Karl Fischer) max. 0,1%
ammonia (NH₃) max. 0,001%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,000002%
cadmium (Cd) max. 0,000005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,000002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,00002%
copper (Cu) max. 0,000002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,000002%
nickel (Ni) max. 0,000002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
chloride (Cl) max. 0,0005%
sulphate (SO₄) max. 0,0005%
KMnO₄ reducing matters (as O) max. 0,0005%
2-picoline max. 0,2%
piperidine max. 0,01%



R: 11-20/21/22 S: 26-28
disposal: 19

FL.
FL.
2935

500 ml 34,25 29,10 27,40 26,35
1 L 58,— 49,30 45,25 42,90

30848 Pyridine min. 99,9% for gas chromatography

A 3/5 *Pyridine / Piridina*

C 3.2 1282 2 $N=CHCH=CHCH=CH$

+17°C











C_5H_5N $M=79,10$ g/mol **1 L ≈ 0,98 kg**



R: 11-20/21/22 S: 26-28
disposal: 19

FL.
2935

5 ml 49,25 41,85 39,40 36,95

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
909	Pyridine SPECTRANAL® Pyridine / Piridina $N=CHCH=CHCH=CH$ C ₅ H ₅ N M = 79,10 g/mol 1 L ≈ 0,98 kg assay (GC) min. 99,7% non-volatile matter max. 0,001% water (acc. to Karl Fischer) max. 0,05% suitability for UV spectroscopy transmittance (1 cm cell/reference: water) transmittance/wavelength (nm): min. 20%/305, min. 65%/310, min. 87%/330, min. 98%/from 340 suitability for IR spectroscopy passes test   R: 11-20/21/22 S: 26-28 disposal: 19	FL. 2935	500 ml	61,—	51,85	48,80	46,95
6037	Pyridine chem. pure Erg. B. 6 Pyridine / Piridina $N=CHCH=CHCH=CH$ C ₅ H ₅ N M = 79,10 g/mol 1 L ≈ 0,98 kg assay (GC) 99,5% boiling range 114—116 °C density (D ₄ ²⁰) 0,980—0,983 refractive index (n _D ²⁰) 1,5080—1,5100 non-volatile matter 0,01% water (according to Karl Fischer) 0,2% copper (Cu) 0,0005% chloride (Cl) 0,0005%   R: 11-20/21/22 S: 26-28 disposal: 19	FL. FL. EKL. 2935	1 L 2,5 L 25 kg	54,— 114,50 kg	45,90 95,05 22,—	43,20 89,30	41,60 85,90
6038	Pyridine pure Pyridine / Piridina $N=CHCH=CHCH=CH$ C ₅ H ₅ N M = 79,10 g/mol 1 L ≈ 0,98 kg assay (GC) 99% boiling range 114—116 °C density (D ₄ ²⁰) 0,980—0,985 refractive index (n _D ²⁰) 1,5000—1,5200 non-volatile matter 0,02% water (according to Karl Fischer) 0,3%   R: 11-20/21/22 S: 26-28 disposal: 19	FL. FL. EKL. 2935	1 L 2,5 L 25 kg	48,— 105,— kg	40,80 87,15 20,50	38,40 81,90	36,95 78,75
9079	Pyridine-d ₅ deuteration degree not less than 99,5 atom %D Pyridine-d ₅ / Piridina-d ₅ $N=CD_5N=CD_5N=CD_5N=CD_5N$ C ₅ D ₅ N M = 84,06 g/mol 1 L ≈ 1,05 kg   R: 11-20/21/22 S: 26-28 disposal: 19	A. 2851	10 ml	202,—	171,70	161,60	151,50
9071	Pyridine-d ₅ deuteration degree not less than 99 atom % D Pyridine-d ₅ / Piridina-d ₅ $N=CD_5N=CD_5N=CD_5N=CD_5N$ C ₅ D ₅ N M = 84,06 g/mol 1 L ≈ 1,05 kg   R: 11-20/21/22 S: 26-28 disposal: 19	A. FL. 2851	5 ml 100 ml	70,— 911,—	59,50 774,35	56,— 728,80	52,50 683,25
16525	Pyridine-2-aldoxime Pyridine-2-aldoxime / Piridina-2-aldoxima $N=CHCH=CHCH=CH=NOH$ C ₆ H ₈ N ₂ O M = 122,13 g/mol	WG. 2929	25 g	31,50	26,80	25,20	23,65

Code Number
A) RID-ADR
B) C.O.V.E./G.G.V.S.
C) MDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

64825 Pyridine-4-aldoxime PROSYNTH®
Pyridinecarbaldéhyde-4-oxime / 4-Piridincarbaldoxima
 $N = CHCH = C(CH = NOH)CH = CH$
 $C_6H_6N_2O$ $M = 122,13$ g/mol
assay 98%
melting range 131–133 °C

WG.
2935

50 g 44,75 38,05 35,80 33,55

16039 Pyridine bases
Pyridine bases / Piridina bases
A 3/3
C 3.3 1992 2
+ 32 °C
1 L ≈ 0,94 kg

FL.
2707

1 L 23,25 19,75 18,60 17,90



R: 11-20/21/22 S: 26-28
disposal: 19

4-Pyridinecarbaldehyde oxime see Pyridine-4-aldoxime

63331 Pyridinecarbonitrile-(2) PROSYNTH®
Pyridinecarbonitrile-(2) / Piridincarbonitrilo-(2)
A 6.1/21
C 6.1 2811 2
 $N = C(CN)CH = CHCH = CH$
 $C_6H_4N_2$ $M = 104,11$ g/mol
assay (GC) 98%
melting range 25–27 °C

WG.
2935

100 g 36,— 30,60 28,80 27,—

63332 Pyridinecarbonitrile-(3) PROSYNTH®
Pyridinecarbonitrile-(3) / Piridincarbonitrilo-(3)
A 6.1/21
C 6.1 2811 2
 $N = CHC(CN) = CHCH = CH$
 $C_6H_4N_2$ $M = 104,11$ g/mol
assay (GC) 98%
melting range 48–50 °C

WG.
2935

100 g 34,25 29,10 27,40 25,70

63333 Pyridinecarbonitrile-(4) PROSYNTH®
Pyridinecarbonitrile-(4) / Piridincarbonitrilo-(4)
A 6.1/21
C 6.1 2811 2
 $N = CHCH = C(CN)CH = CH$
 $C_6H_4N_2$ $M = 104,11$ g/mol
assay (GC) 98%
melting range 77–80 °C

WG.
2935

100 g 29,— 24,65 23,20 21,75

63034 2-Pyridinecarboxylic acid PROSYNTH®
Acide pyridinecarboxylique-(2) / Acido piridincarboxílico-(2)
 $NC(COOH) = CHCH = CHCH$
 $C_6H_5NO_2$ $M = 123,11$ g/mol
assay (alkalimetric) 98%
melting range 135–138 °C

PF.
2935

100 g 39,25 33,35 31,40 29,45

Pyridinecarboxylic acid-(3) see Nicotinic acid

63035 4-Pyridinecarboxylic acid PROSYNTH®
Acide pyridinecarboxylique-(4) / Acido piridincarboxílico-(4)
 $N = CHCH = C(COOH)CH = CH$
 $C_6H_5NO_2$ $M = 123,11$ g/mol
assay (alkalimetric) 99%
melting range 313–315 °C (disint.)

PF.
2935

100 g 13,50 11,50 10,80 10,15

Pyridinecarboxylic acid-(4)-hydrazide see *iso*-Nicotinic acid hydrazide

63038 2,5-Pyridinedicarboxylic acid PROSYNTH®
Acide pyridinedicarboxylique(2-5) / Acido piridindicarboxílico-(2,5)
 $N = C(COOH)CH = CHC(COOH) = CH$
 $C_7H_5NO_4$ $M = 167,12$ g/mol
assay (alkalimetric) 95%

PF.
2935

100 g 16,75 14,25 13,40 12,55

e-Number D/ADR GVE/GGVS IDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
039	2,6-Pyridinedicarboxylic acid PROSYNTH® <i>Acide pyridinedicarboxylique-(2-6) / Acido piridindicarboxílico-(2,6)</i> $N=C(COOH)CH=CHCH=C(COOH)$ $C_7H_5NO_4$ $M=167,12$ g/mol assay (alkalimetric) 99,5% melting range 248—250 °C (disint.)	WG. 2935	100 g	52,—	44,20	41,60	39,—
	Pyridinedicarboxylic acid-(2,3) see Quinolinic acid						
040	Pyridine-1-oxide PROSYNTH® <i>Pyridine-1-oxyde / Piridina-1-óxido</i> $ON=CHCH=CHCH=CH$ C_5H_5NO $M=95,10$ g/mol assay 97% melting range 60—63 °C	WG. 2935	100 g	84,50	71,85	67,60	63,40
	Pyridine-sulphur dioxide-solution see Fischer, reagent solution						
3604	Pyridinethiol-(2) PROSYNTH® <i>Pyridinethiol-(2) / Piridinotiol-(2)</i> $N=CHCH=CHCH=CHSH$ C_5H_5NS $M=111,17$ g/mol assay (iodometric) 97% melting range 127—129 °C	WG. 2935	10 g	24,75	21,05	19,80	18,55
1828	Pyridinium chloride PROSYNTH® <i>Pyridinium chlorure / Piridinio cloruro</i> $N=CHCH=CHCH=CH \cdot HCl$ C_5H_6ClN $M=115,56$ g/mol assay (ex Cl) 98% melting range 140—143 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	250 g	69,—	58,65	55,20	51,75
9437	Pyridoxal hydrochloride BIOSYNTH® <i>Pyridoxal chlorhydrate / Piridoxal clorhidrato</i> $N=C(CH_3)C(OH)=C(CHO)C(CH_2OH)=CH \cdot HCl$ $C_8H_{10}ClNO_3$ $M=203,62$ g/mol	FL. 2935	1 g	9,50	8,10	7,60	7,15
9438	Pyridoxal-5'-phosphate BIOSYNTH® <i>Pyridoxal-5'-phosphate / Piridoxal-5'-fosfato</i> $N=C(CH_3)C(OH)=C(CHO)C(CH_2OPO_3H_2)=CH \cdot H_2O$ $C_8H_{10}NO_6P \cdot H_2O$ $M=265,16$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2919	5 g	46,50	39,55	37,20	34,90
9211	Pyridoxamine dihydrochloride BIOSYNTH® <i>Pyridoxamine dichlorhydrate / Piridoxamina diclorhidrato</i> $N=C(CH_3)C(OH)=C(CH_2NH_2)C(CH_2OH)=CH \cdot 2HCl$ $\cdot H_2O$ $C_8H_{14}Cl_2N_2O_2 \cdot H_2O$ $M=259,13$ g/mol assay (ex Cl) 99% melting range 226—228 °C (disint.)	FL. 2935	1 g	13,75	11,70	11,—	10,30
64128 A 3/4 + 74 °C	Pyridylaldehyde-(2) PROSYNTH® <i>Pyridylaldéhyde-(2) / Piridilaldehido-(2)</i> $N=CHCH=CHCH=CCHO$ C_6H_5NO $M=107,11$ g/mol $1\text{ L} \approx 1,13$ kg assay (GC) 98% boiling range 178—181 °C refractive index (n_D^{20}) 1,535	FL. 2935	25 g	24,75	21,05	19,80	18,55

Code Number
A: R.D. ADR
B: B.V.E. GGVS
C: M.D.G. CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM



1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

Code Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (64 Boxes)
64129	Pyridylaldehyde-(3) PROSYNTH® <i>Pyridylaldéhyde-(3) / Piridilaldehido-(3)</i> $N = CHCH = CHC(CHO) = CH$ C_6H_5NO $M = 107,11$ g/mol $1 L \approx 1,15$ kg assay (GC) 98% boiling range (at 13 mbar) 78–81 °C refractive index (n_D^{20}) 1,549	FL. 2935	25 g	30,75	26,15	24,60	23,01
64130	Pyridylaldehyde-(4) PROSYNTH® <i>Pyridylaldéhyde-(4) / Piridilaldehido-(4)</i> $N = CHCH = C(CHO)CH = CH$ C_6H_5NO $M = 107,11$ g/mol $1 L \approx 1,14$ kg assay (GC) 97% boiling range (at 16 mbar) 76–78 °C refractive index (n_D^{20}) 1,543	FL. 2935	25 g	45,—	38,25	36,—	33,71
	Pyridylamine see Aminopyridine						
33579	1-(2-Pyridylazo)naphthol-(2) (PAN) indicator for metal titration <i>1-(2-Pyridylazo)naphtol-(2) (PAN) / 1-(2-Piridilazo)naftol-(2) (PAN)</i> $C_{15}H_{11}N_3O$ $M = 249,27$ g/mol	FL. WG. 2928	1 g 5 g	11,— 43,—	9,35 36,55	8,80 34,40	8,21 32,21
33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR) indicator for metal titration <i>4-(2-Pyridylazo)-résorcinol sel monosodique (PAR) / 4-(2-Piridilazo)-resorcina sal monosódica (PAR)</i> $C_{11}H_8N_3NaO_2$ $M = 237,19$ g/mol	FL. WG. 2928	1 g 5 g	11,— 36,75	9,35 31,25	8,80 29,40	8,21 27,51
63041	Pyridyl-(2)-methanol PROSYNTH® <i>Pyridyl-(2)-méthanol / Piridil-(2)-metanol</i> $N = CH(CH_2OH)CH = CHCH = CH$ C_6H_7NO $M = 109,13$ g/mol $1 L \approx 1,13$ kg assay (GC) 98%	FL. 2935	100 ml	120,—	102,—	96,—	90,—
63042	Pyridyl-(3)-methanol PROSYNTH® <i>Pyridyl-(3)-méthanol / Piridil-(3)-metanol</i> $N = CHCH(CH_2OH) = CHCH = CH$ C_6H_7NO $M = 109,13$ g/mol $1 L \approx 1,13$ kg assay (GC) 97%	FL. 2935	100 ml	58,—	49,30	46,40	43,51
63736	4-Pyridylpyridinium chloride PROSYNTH® <i>4-Pyridylpyridinium chlorure / 4-Piridilpiridinio cloruro</i> $CH = CHN = CHCH = CN(Cl) = CHCH = CHCH = CH$ $C_{10}H_9ClN_2$ $M = 192,65$ g/mol assay of 4-pyridylpyridinium chloride hydrochloride 5–25%	WG. 2935	50 g	41,50	35,30	33,20	31,11
39231	Pyrimidine BIOSYNTH® <i>Pyrimidine / Pirimidina</i> $N = CHN = CHCH = CH$ $C_4H_4N_2$ $M = 80,09$ g/mol assay (GC) 98% melting range 20–22 °C	FL. 2935	1 g	29,50	25,10	23,60	22,11
63605	Pyrimidinethiol-(2) PROSYNTH® <i>Pyrimidinethiol-(2) / Pirimidintiol-(2)</i> $N = CHCH = CHN = CSH$ $C_4H_4N_2S$ $M = 112,15$ g/mol assay (iodometric) 95% melting range 225–229 °C	WG. 2931	10 g	17,50	14,90	14,—	13,11

e-Number D/ADR VE/GGVs DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
01	Pyrocatechol R. G., Reag. Ph. Eur. I <i>Pyrocatechol / Pirocatequina</i> $C_6H_4(OH)_2[1,2]$ $C_6H_6O_2$ $M = 110,11$ g/mol assay (GC) min. 99% melting range 103–105 °C insoluble in water max. 0,01 % sulphated ash max. 0,01 % iron (Fe) max. 0,0001 % copper (Cu) max. 0,0001 %	WG. WG. 2906	100 g 250 g	19,50 44,25	16,60 37,60	15,60 35,40	14,65 33,20
01	Pyrocatechol chem. pure <i>Pyrocatechol / Pirocatequina</i> $C_6H_4(OH)_2[1,2]$ $C_6H_6O_2$ $M = 110,11$ g/mol assay (GC) 99% melting range 103–105 °C insoluble in water 0,01 % sulphated ash 0,1 %	WG. FTP. 2906	1 kg 55 kg	98,50 price on request	83,75	78,80	75,85
05	Pyrocatechol technical <i>Pyrocatechol / Pirocatequina</i> $C_6H_4(OH)_2[1,2]$ $C_6H_6O_2$ $M = 110,11$ g/mol melting range 100–103 °C Pyrocatechol dimethyl ether see Veratrole Pyrocatechol disulphonic acid-(3,5) disodium salt see Tiron Pyrocatechol monoethyl ether see Guaethol	PF. PF. S. 2906	500 g 1 kg 50 kg	20,75 38,25 price on request	17,65 32,50	16,60 30,60	16,— 29,45
158	Pyrocatechol mono-(2-hydroxy ethyl)-ether <i>Ether mono-(2-hydroxyéthylique) du pyrocatechine / Eter mono-(2-hidroxietilico) de pirocatequina</i> $HOCH_2CH_2OC_6H_4OH$ $C_8H_{10}O_3$ $M = 154,17$ g/mol Pyrocatechol monomethyl ether see Guaiacol	PF. FTP. 2908	1 kg 50 kg	price on request price on request			
672	Pyrocatechol violet indicator for metal titration <i>Violet de pyrocatechol / Violeta de pirocatequina</i> $(HO)_2C_6H_3C[=C_6H_3(OH)=O]C_6H_4SO_3H$ $C_{19}H_{14}O_7S$ $M = 386,38$ g/mol	FL. WG. 3205	1 g 5 g	9,50 22,50	8,10 19,15	7,60 18,—	7,15 16,90
040 1/22 1 2811 2	Pyrogallol DAB 6 <i>Pyrogallol / Pirogalol</i> $C_6H_3(OH)_3$ $C_6H_6O_3$ $M = 126,11$ g/mol  R: 20/21/22 disposal: 6	WG. WG. WG. FTP. 2906	100 g 500 g 1 kg 50 kg	35,75 137,50 253,— price on request	30,40 116,90 215,05	28,60 110,— 202,40	26,80 105,90 194,80
2775	Pyrogallol red indicator for metal titration <i>Rouge de pyrogallol / Rojo de pirogalol</i> $C_{19}H_{12}O_8S$ $M = 400,36$ g/mol	FL. 3205	1 g	10,50	8,95	8,40	7,90
063	Pyrogallol solution 25%, for absorption of oxygen according to Orsat (Before use one volume of pyrogallol solution has to be mixed with 5 volumes of potassium hydroxide solution) <i>Pyrogallol en solution / Pirogalol en solución</i> 1 L \approx 1,08 kg  R: 20/21/22 Pyrogallosulphonphthalein see Pyrogallol red Pyrolusite see Manganese(IV) oxide	FL. FL. 2906	250 ml 1 L	30,25 93,50	25,70 79,50	24,20 74,80	22,70 72,—

Code-Number
A) RHD/ADR
B) GENE/AGVS
C) IMDG-CODE (GGVSee)

63043 Pyromellitic acid PROSYNTH® Acide pyromellique / Acido piromelítico

$C_6H_2(COOH)_4$
 $C_{10}H_2O_8$ $M = 254,15$ g/mol
assay (alkalimetric) 98%

63737 Pyromellitic dianhydride PROSYNTH® Dianhydride pyromellique / Dianhidrido piromelítico

$C_{10}H_2O_5$ $M = 218,12$ g/mol
assay 99%
melting range 284–286 °C



R: 36/37/38 S: 25
disposal: 21

Pyrophosphoric acid see Diphosphoric acid

63044 Pyrrole PROSYNTH®

A 3/3 Pyrrole / Pirrol

C 3.3 1993 2 $CH=CHCH=CHNH$
+36 °C C_4H_5N $M = 67,09$ g/mol

1 L ≈ 0,97 kg

assay (GC) 98%
boiling range 129–131 °C
refractive index (n_D^{20}) 1,508
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

R: 10 disposal: 6

64830 2-Pyrrolecarbaldehyde PROSYNTH® Pyrrolcarbaldéhyde-2 / 2-Pirrolcarbaldehído

$NHCH=CHCH=CHO$

C_5H_5NO $M = 95,10$ g/mol

assay (GC) 99%
melting range 44–46 °C

63929 Pyrrole-2-carboxylic acid PROSYNTH® Acide pyrrolecarboxylique-(2) / Acido pirrolcarboxílico-(2)

$NHCH=CHCH=CCOOH$

$C_5H_5NO_2$ $M = 111,10$ g/mol

assay (alkalimetric) 99%
melting range 204–206 °C (disint.)

63045 Pyrrolidine PROSYNTH®

A 3/1A Pyrrolidine / Pirrolidina

C 3.2 1922 2 $HN(CH_2)_3CH_2$

+3 °C C_4H_9N $M = 71,12$ g/mol

1 L ≈ 0,87 kg

assay (GC) 99%
boiling range 86–88 °C
refractive index (n_D^{20}) 1,443
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 11-20/21/22 S: 26-28
disposal: 6

Pyrrolidinecarboxylic acid-(2) see DL-Proline

63046 Pyrrolidone-(2) PROSYNTH® Pyrrolidone-(2) / Pirrolidona-(2)

$HN(CH_2)_3CO$

C_4H_7NO $M = 85,11$ g/mol

1 L ≈ 1,11 kg

assay (GC) 99%
boiling range (at 13 mbar) 123–125 °C
refractive index (n_D^{20}) 1,488

PF.
2915

100 g 19,— 16,15 15,20 14,2

PF.
2915

250 g 27,25 23,15 21,80 20,4

FL.
FL.
2935

25 ml 18,75 15,95 15,— 14,0
100 ml 63,50 54,— 50,80 47,6

WG.
2935

10 g 57,— 48,45 45,60 42,7

FL.
2935

1 g 13,25 11,25 10,60 9,9

FL.
2935

250 ml 34,50 29,35 27,60 25,9

FL.
2935

250 ml 15,50 13,20 12,40 11,6

e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
24.	Pyruvic acid <i>Acide pyruvique / Acido pirúvico</i> <chem>CH3COCOOH</chem> <chem>C3H4O3</chem> $M = 88,06$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. PF. 2916	100 ml 1 L	31,25 235,—	26,55 199,75	25,— 188,—	23,45 180,95
62	Pyruvic acid nitrile PROSYNTH® (Acetyl cyanide) <i>Acide pyruvique nitrile / Acido pirúvico nitrilo</i> <chem>CH3COCN</chem> <chem>C3H3NO</chem> $M = 69,06$ g/mol assay (GC) 97% boiling range 91—93 °C refractive index (n_D^{20}) 1,378	FL. 2927	10 ml	49,—	41,65	39,20	36,75
100	Pyruvic acid sodium salt BIOSYNTH® <i>Acide pyruvique sel sodique / Acido pirúvico sal sódica</i> <chem>CH3COCOONa</chem> <chem>C3H3NaO3</chem> $M = 110,04$ g/mol assay (acidimetric) 99%	PF. 2916	25 g	12,50	10,65	10,—	9,40
540	Quartz white powder <i>Quartz / Cuarzo</i> <chem>SiO2</chem> $M = 60,08$ g/mol loss on ignition 0,3% with hydrofluoric acid non-volatile matter (as sulphates) 0,5%	PF. S. S. 2505	5 kg 50 kg 5x	23,25 kg kg	19,30 1,25 0,95	18,15	17,45
643	Quartz purified (0,002% Fe) powder <i>Quartz / Cuarzo</i> <chem>SiO2</chem> $M = 60,08$ g/mol	PF. PF. 2505	1 kg 5 kg	22,— 82,—	18,70 68,05	17,60 63,95	16,95 61,50
623	Quartz (sand) R. G. washed and calcined <i>Quartz / Arena de cuarzo</i> <chem>SiO2</chem> $M = 60,08$ g/mol loss on ignition max. 0,05% soluble in hydrochloric acid max. 0,05% chloride (Cl) max. 0,01% granulation abt. 0,5 mm	PF. PF. 2505	250 g 1 kg	15,75 45,75	13,40 38,90	12,60 36,60	11,80 35,25
782	Quercetin dihydrate (C. I. No. 75670) <i>Quercétine dihydrate / Quercetina dihidrato</i> <chem>QC6H2(OH)2COC(OH)=CC6H3(OH)2 \cdot 2H2O</chem> <chem>C15H10O7 \cdot 2H2O</chem> $M = 338,27$ g/mol assay min. 99% melting range 311—313 °C (disint.) sulphated ash max. 0,1%	WG. 3205	25 g	34,25	29,10	27,40	25,70
	Quercetin-3-rutinosid see Rutoside						
	Quick lime see Calcium oxide						
3101	Quinaldic acid R. G., <i>Acide quinaldinique / Acido quinaldínico</i> <chem>C6H4CHC(COOH)=N</chem> <chem>C10H7NO2</chem> $M = 173,17$ g/mol assay min. 99,5% melting range 154—156 °C sulphated ash max. 0,1% suitability for determination of metals passes test	WG. 2935	5 g	20,75	17,65	16,60	15,55

Code Number
A) R10/ASR
B) GGVE/GGVS
C) IMOG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)


24x
(16 Boxes)

96x
(16 Boxes)

Code Number	Product Name	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
62271	Quinaldine PROSYNTH® <i>Quinaldine / Quinaldina</i> $C_8H_4N = C(CH_3)CH = CH$ C_8H_9N $M = 143,19$ g/mol assay (GC) 94% boiling range 246–248 °C	FL. 2935	250 ml	38,25	32,50	30,60	28,7
33901	Quinaldine red indicator <i>Rouge de quinaldine / Rojo de quinaldina</i> $(CH_3)_2NC_6H_4CH = CHC = N(J)(C_2H_5)C_6H_4CH = CH$ $C_{21}H_{23}N_2$ $M = 430,33$ g/mol	FL. 3205	1 g	7,50	6,40	6,—	5,6
	Quinalizarin see 1,2,5,8-Tetrahydroxyanthraquinone						
64558	Quinazoline PROSYNTH® <i>Quinazoline / Quinazolina</i> $C_8H_4CH = NCH = N$ $C_8H_6N_2$ $M = 130,15$ g/mol assay (ex N) 98% melting range 44–46 °C	FL. 2935	1 g	28,50	24,25	22,80	21,4
33102	Quinhydrone R. G., Reag. Ph. Eur. I <i>Quinhydrone / Quinhidrona</i> $OC_6H_4O \cdot HOC_6H_4OH$ $C_{12}H_{10}O_4$ $M = 218,21$ g/mol 1,4-benzoquinone 48–52% hydroquinone 48–52% melting range 168–171 °C insoluble in ethanol max. 0,02% sulphated ash max. 0,1% iron (Fe) max. 0,001% sulphate (SO ₄) max. 0,01%	WG. WG. 2913	100 g 500 g	32,75 135,50	27,85 115,20	26,20 108,40	24,5 104,3
62272	Quinic acid PROSYNTH® <i>Acide quinique / Acido quínico</i> $CH_2(CHOH)_3CH_2C(OH)COOH$ $C_7H_{12}O_6$ $M = 192,17$ g/mol assay (alkalimetric) 98% spec. rotation $[\alpha]_D^{20}$; c = 10 in H ₂ O) –43° ± 1°	WG. 2916	25 g	24,25	20,60	19,40	18,2
64382	Quinine PROSYNTH® <i>Quinine / Quinina</i> $C_{20}H_{24}N_2O_2$ $M = 324,42$ g/mol assay (acidimetric) 99% melting range 174–175 °C	WG. 2942	25 g	60,—	51,—	48,—	45,—
	Quinizarine see 1,4-Dihydroxyanthraquinone						
	Quinol see Hydroquinone						
60089	Quinoline PROSYNTH® <i>Quinoléine / Quinolina</i> $C_8H_4CH = CHCH = N$ C_8H_7N $M = 129,16$ g/mol assay (GC) 99% boiling range 236–238 °C refractive index (n_D^{20}) 1,625	FL. FL. 2935	250 ml 1 L	24,— 80,50	20,40 68,45	19,20 64,40	18,— 62,—



R: 20/21/22 S: 25
disposal: 6

305	Quinoline technical	FL.	1 L	38,25	32,50	30,60	29,45
4	<i>Quinoléine / Quinolina</i>	2935					
5 °C	$C_6H_4CH=CHCH=N$						
	C_9H_7N $M=129,16$ g/mol						
	1 L \approx 1,09 kg						
	assay (GC) 98%						
	boiling range 233–237 °C						
	density (D_4^{20}) 1,092–1,094						
							
	R: 20/21/22 S: 28						
	disposal: 19						
	Quinoline blue see Aniline blue water-soluble						
	Quinolinecarboxylic acid-(2) see Quinaldic acid						
2273	Quinolinic acid PROSYNTH®	PF.	100 g	53,—	45,05	42,40	39,75
	<i>Acide quinoléique / Acido quinolínico</i>	2935					
	$N=C(COOH)C(COOH)=CHCH=CH$						
	$C_7H_5NO_4$ $M=167,12$ g/mol						
	assay (alkalimetric) 99%						
	melting range 188–190 °C (disint.)						
	Quinone see 1,4-Benzoquinone						
4385	Quinoxaline PROSYNTH®	WG.	100 g	41,50	35,30	33,20	31,15
	<i>Quinoxaline / Quinoxalina</i>	2935					
	$C_6H_4N=CHCH=N$						
	$C_8H_6N_2$ $M=130,15$ g/mol						
	assay (Cl) 98%						
	melting range 29–31 °C						
5753	Quintozene min. 99% PESTANAL® (Pentachloronitrobenzene)	FL.	1 g	42,75	36,35	34,20	32,05
	$C_6Cl_5NO_2$ $M=295,34$ g/mol	2903					
4775	3-Quinuclidinol PROSYNTH®	WG.	10 g	35,50	30,20	28,40	26,65
	<i>Quinuclidinol-3 / 3-Quinuclidinol</i>	2935					
	$C_7H_{13}NO$ $M=127,19$ g/mol						
	assay 98%						
	melting range 220–223 °C						
39153	D(+)-Raffinose pentahydrate BIOSYNTH®	PF.	50 g	87,50	74,40	70,—	65,65
	<i>D(+)-Raffinose pentahydrate / D(+)-Rafinosa pentahidrato</i>	2943					
	$C_{18}H_{32}O_{16} \cdot 5H_2O$ $M=594,52$ g/mol						
	melting range 80–82 °C						
	specific rotation ($[\alpha]_D^{20}$; c=4 in H ₂ O) +104° ± 2°						
34156	Raney cobalt catalyst ready-for-use suspension in water	WG.	100 g	85,50	72,70	68,40	64,15
A 4.2/6D	<i>Catalyseur Raney-cobalt / Catalizador de cobalto según</i>	3819					
C 4.2•1378 2	<i>Raney</i>						
	assay of Co (in suspension) 50%						
	granulation less than 32 µm 40%						
34157	Raney copper catalyst ready-for-use suspension in water	WG.	100 g	77,50	65,90	62,—	58,15
A 4.2/6D	<i>Catalyseur Raney-cuivre / Catalizador de cobre según</i>	3819					
C 4.2•1378 2	<i>Raney</i>						
	assay of Cu (in suspension) 50%						
	granulation less than 32 µm 40%						
34155	Raney iron catalyst ready-for-use suspension in water	WG.	100 g	50,50	42,95	40,40	37,90
A 4.2/6D	<i>Catalyseur Raney-fer / Catalizador de hierro según Raney</i>	3819					
C 4.2•1378 2	assay of Fe (in suspension) 50%						
	granulation less than 32 µm 40%						
	Raney-nickel aluminium alloy see Nickel-aluminium alloy						
34158	Raney nickel catalyst ready-for-use suspension in water	WG.	100 g	30,25	25,70	24,20	22,70
A 4.2/6D	<i>Catalyseur Raney-nickel / Catalizador de níquel según</i>	3819					
C 4.2•1378 2	<i>Raney</i>						
	assay Ni (in suspension) 50%						
	granulation less than 32 µm 40%						

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
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Price per
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1x
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6x
(6 Boxes)

24x
(4 Boxes)

96x
(16 Boxes)

Reagent papers see Indicator and reagent papers

Reagents and auxiliaries for the chromatography
see below the respective article. The complete range can
be found in appendix

Redox indicators see appendix indicators for redox titration

Red prussiate of potash see Potassium hexacyanoferrate(III)

33601 Reinecke salt R. G.
Sel de Reinecke / Sal de Reinecke
 $\text{NH}_4[\text{Cr}(\text{SCN})_4(\text{NH}_3)_2] \cdot \text{H}_2\text{O}$ $M = 354,44 \text{ g/mol}$
assay min. 96%
insoluble in water (75 °C) max. 0,005%
water (according to Karl Fischer) max. 1,5%

WG.	10 g	19,—	16,15	15,20	14,21
WG.	25 g	39,25	33,35	31,40	29,41
2848					

39647 Reoplex® 400 for gas chromatography
Reoplex® 400 / Reoplex® 400
working temperature 30 to 200 °C

WG.	50 g	22,50	19,15	18,—	16,91
3901					

Resacetophenone see 2,4-Dihydroxyacetophenone

18714 Resin (colophony)
Colophane / Colofonia

PF.	5 kg	52,50	43,60	40,95	39,41
FT.	50 kg	price on request			
3808					

33602 Resorcinol R. G., Reag. Ph. Eur. I
Résorcinol / Resorcina

$\text{C}_6\text{H}_4(\text{OH})_2$
 $\text{C}_6\text{H}_6\text{O}_2$ $M = 110,11 \text{ g/mol}$
assay min. 99%
melting range 109—111 °C
loss on drying (on silica gel) max. 1%
sulphated ash max. 0,02%
free acid (as H_2SO_4) max. 0,005%
free alkali (as NH_3) max. 0,002%
heavy metals (as Pb) max. 0,004%
chloride (Cl) max. 0,008%
sulphate (SO_4) max. 0,02%
pyrocatechol passes test

PF.	100 g	19,—	16,15	15,20	14,21
PF.	250 g	38,75	32,95	31,—	29,01
2906					



R: 22-36/38 S: 26
disposal: 6

16101 Resorcinol chem. pure DAB 8
Résorcinol / Resorcina

$\text{C}_6\text{H}_4(\text{OH})_2$
 $\text{C}_6\text{H}_6\text{O}_2$ $M = 110,11 \text{ g/mol}$



R: 22-36/38 S: 26
disposal: 6

PF.	250 g	31,50	26,80	25,20	23,61
PF.	1 kg	99,50	84,60	79,60	76,61
FTP.	50 kg	price on request			
2906					

16102 Resorcinol technical
Résorcinol / Resorcina

$\text{C}_6\text{H}_4(\text{OH})_2$
 $\text{C}_6\text{H}_6\text{O}_2$ $M = 110,11 \text{ g/mol}$



R: 22-36/38 S: 26
disposal: 6

PF.	1 kg	63,50	54,—	50,80	48,91
PF.	2,5 kg	139,—	115,35	108,40	104,21
S.	25 kg	price on request			
FTP.	25 kg	price on request			
2906					

60267 Resorcinol dimethyl ether PROSYNTH®
Ether diméthylque de la résorcinol / Eter dimetílico de la resorcina

$\text{C}_6\text{H}_4(\text{OCH}_3)_2$
 $\text{C}_8\text{H}_{10}\text{O}_2$ $M = 138,17 \text{ g/mol}$ $1 \text{ L} \approx 1,06 \text{ kg}$
assay (GC) 99%
boiling range 215—217 °C
refractive index (n_D^{20}) 1,524

FL.	250 ml	32,75	27,85	26,20	24,51
2908					

e-Number D/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
157	Resorcinol monoacetate N. F. XIV <i>Résorcinol monoacétate / Resorcina monoacetato</i> $C_6H_4(OH)(OCOCH_3)$ $C_8H_8O_3$ $M = 152,15$ g/mol 1 L \approx 1,20 kg density (D_{25}^{20}) 1,203—1,207 loss on drying (vapour-bath, 1 h) 2% sulphated ash 0,05% acidity passes test	FL. FPF. 2914	1 L 35 kg	69,— price on request	58,65	55,20	53,15
269	Resorcinol monomethyl ether PROSYNTH® <i>Ether monométhylque de la résorcinol / Eter monometílico de la resorcina</i> $C_6H_4(OH)(OCH_3)$ $C_7H_8O_2$ $M = 124,14$ g/mol 1 L \approx 1,14 kg assay 98% boiling range (at 15 mbar) 124—126 °C refractive index (n_D^{20}) 1,552	FL. 2908	250 ml	89,50	76,10	71,60	67,15
	Resorcinol phthalein see Fluorescein Resorcinol yellow see Tropaeolin O α-Resorcylic acid see 3,5-Dihydroxybenzoic acid β-Resorcylic acid see 2,4-Dihydroxybenzoic acid γ-Resorcylic acid see 2,6-Dihydroxybenzoic acid						
9154	α-L(+)-Rhamnose monohydrate BIOSYNTH® <i>α-L(+)-Rhamnose monohydraté / α-L(+)-Ramnosa monohidrato</i> $CH_3CH(CHOH)_4O \cdot H_2O$ $C_6H_{12}O_5 \cdot H_2O$ $M = 182,17$ g/mol	WG. 2943	10 g	46,—	39,10	36,80	34,50
10442	Rhenium powder <i>Rhénium / Renio</i> Re $M = 186,21$ g/mol assay 99%	FL. 8104	1 g	74,50	63,35	59,60	55,90
10443	Rhenium(VII) oxide <i>Rhénium(VII) oxyde / Renio(VII) óxido</i> Re_2O_7 $M = 484,41$ g/mol assay 99%	A. 2828	1 g	70,—	59,50	56,—	52,50
12634	Rhodamine B R. G. and for microscopy (C. I. No. 45170, S. No. 864) <i>Rhodamine B / Rodamina B</i> $C_{28}H_{31}ClN_2O_3$ $M = 479,02$ g/mol solubility passes test residue on ignition (as sulphates) max. 0,25% sensibility as micro reagent passes test	WG. WG. 3205	25 g 100 g	11,— 18,50	9,35 15,75	8,80 14,80	8,25 13,90
12636	Rhodamine B spray reagent for chromatography <i>Rhodamine B / Rodamina B</i> spray-box of 330 ml R: 10	3819	1 pack	18,—	15,30	14,40	13,50
10444	Rhodium powder <i>Rhodium / Rodio</i> Rh $M = 102,91$ g/mol assay 99%	FL. 7109	1 g	208,—	176,80	166,40	156,—
163047	Rhodium(III) chloride-3-hydrate PROSYNTH® <i>Rhodium(III) chlorure-3-hydrate / Rodio(III) cloruro hidrato</i> package of 1 g $RhCl_3 \cdot 3H_2O$ $M = 263,31$ g/mol assay 97%	2849	1 pack	67,50	57,40	54,—	50,65

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Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

65089 **tetra-Rhodium dodecacarbonyl PROSYNTH®**
A 6.1/5 *tetra-Rhodium dodecacarbonyl / tetra-Rodio*
C 6.1 2811 2 *dodecacarbonilo*
package of 100 mg
 $Rh_4(CO)_{12}$
 $C_{12}O_{12}Rh_4$ $M = 747,75$ g/mol

2849

1 pack price on request

65090 **hexa-Rhodium hexadecacarbonyl PROSYNTH®**
A 6.1/5 *hexa-Rhodium hexadecacarbonyl / hexa-Rodio*
C 6.1 2811 2 *hexadecacarbonilo*
package of 100 mg
 $Rh_6(CO)_{18}$
 $C_{16}O_{16}Rh_6$ $M = 1065,60$ g/mol

2849

1 pack price on request

14844 **Rhodium(III) oxide-5-hydrate**
Rhodium(III) oxyde-5-hydrate / Rodio(III) óxido-5-hidrato
 $Rh_2O_3 \cdot 5H_2O$ $M = 343,89$ g/mol

2849

Rhodizonic acid sodium salt see Sodium rhodizionate

FL.

1 g 156,— 132,60 124,80 117,—

Ribitol see Adonitol

Riboflavin-5'-adenosine diphosphoric acid disodium salt
see Flavin adenine dinucleotide disodium salt

39220 **Riboflavine BIOSYNTH®**
Riboflavine / Riboflavina
 $C_{17}H_{20}N_4O_6$ $M = 378,37$ g/mol

PF.
2938

25 g 23,50 20,— 18,80 17,6

Riboflavin-5'-monophosphoric acid sodium salt see Flavin
mononucleotide sodium salt

39439 **Ribonucleic acid BIOSYNTH®**
Acide ribonucléique / Acido ribonucleico
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

WG.
2935

10 g 11,50 9,80 9,20 8,6

39156 **D(-)-Ribose BIOSYNTH®**
D(-)-Ribose / D(-)-Ribosa
 $CH_2(CHOH)_4O$
 $C_5H_{10}O_5$ $M = 150,13$ g/mol

WG.
2943

10 g 30,— 25,50 24,— 22,5

melting range 86–88 °C
specific rotation $[\alpha]_D^{20}$; c=4 in H₂O) –20° ± 3°

39155 **D-Ribose-5-phosphoric acid barium salt BIOSYNTH®**
A 6.1/71 *Acide D-ribose-5-phosphorique sel de baryum / Acido*
C 6.1 1564 3 *D-ribosa-5-fosfórico, sal de bario*

2943

1 pack 22,— 18,70 17,60 16,5

package of 250 mg

 $BaO_3POCH_2CH(CHOH)_3O \cdot 2H_2O$
 $C_8H_9BaO_8P \cdot 2H_2O$ $M = 401,46$ g/mol

R: 20/22 S: 28
disposal: 24

RNA see Ribonucleic acid

Rochelle salt see Potassium sodium tartrate

Rock salt see Sodium chloride



Rosaniline see Pararosaniline

Rosazein see Rhodamine B

33923 **Rose bengal adsorption indicator (C. I. No. 45440, S. No. 891)**
Rose bengale / Rosa bengala
 $NaOOC-C_6H_4-C(=O)-C_6H_2(=O)_2-C_6H_4-ONa$
 $C_{20}H_2Cl_4Na_2O_5$ $M = 1017,65$ g/mol

WG.
3205

5 g 26,75 22,75 21,40 20,0

ID-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
605	Rosolic acid indicator <i>Acide rosolique / Acido rosólico</i> $C_{20}H_{16}O_3$ $M = 304,34$ g/mol	WG. WG. 3205	10 g 25 g	11,75 19,25	10,— 16,35	9,40 15,40	8,80 14,45
755	Rotenone PESTANAL® (1,2,12,12a-Tetrahydro-2-isopropenyl-8,9-dimethoxy-[1]-benzopyrano-[3,4-b]-furo-[2,3-h]-[1]-benzopyran-6(6aH)-one) $C_{23}H_{22}O_6$ $M = 394,42$ g/mol	FL. 2935	1 g	28,25	24,—	22,60	21,20
1/82 1 1615 3	 R: 23/24/25 S: 2-13-44 disposal: 7 R-Salt see Sodium chloride Rubean hydrogen see Rubeanic acid						
606	Rubeanic acid R. G. (dithiooxamide) <i>Acide rubéanique / Acido rubeánico</i> $H_2NSCCSNH_2$ $C_2H_4N_2S_2$ $M = 120,20$ g/mol assay (ex N) min. 98% sulphated ash max. 0,25% suitability for determination of copper passes test	WG. WG. 2931	5 g 100 g	13,75 142,—	11,70 120,70	11,— 113,60	10,30 106,50
445	Rubidium <i>Rubidium / Rubidio</i> Rb $M = 85,47$ g/mol assay 99%	A. 2805	1 g	117,—	99,45	93,60	87,75
629	0,100 g Rubidium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Rubidium / 0,100 g Rubidio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
8572	1,00 g Rubidium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Rubidium / 1,00 g Rubidio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
4798	Rubidium carbonate <i>Rubidium carbonate / Rubidio carbonato</i> Rb_2CO_3 $M = 230,94$ g/mol	WG. 2842	10 g	21,50	18,30	17,20	16,15
4760	Rubidium chloride cryst. <i>Rubidium chlorure / Rubidio cloruro</i> $RbCl$ $M = 120,92$ g/mol	FL. FL. 2830	5 g 10 g	12,50 21,—	10,65 17,85	10,— 16,80	9,40 15,75
10410 6.1 2811 3	Rubidium fluoride <i>Rubidium fluorure / Rubidio fluoruro</i> RbF $M = 104,47$ g/mol assay min. 99%  R: 23/24/25 S: 1/2-26-44 disposal: 27	PF. 2829	10 g	60,50	51,45	48,40	45,40
2658	Rubin S concentrated R. G. for analyse and microscopy, reagent on aldehydes (C.I. No. 42685, S. No. 800) <i>Rubine S concentré / Rubina S concentrado</i>	WG. WG. 3205	25 g 100 g	21,50 72,—	18,30 61,20	17,20 57,60	16,15 54,—
10446	Ruthenium powder <i>Ruthénium / Rutenio</i> Ru $M = 101,07$ g/mol assay 99%	A. 7109	1 g	46,50	39,55	37,20	34,90
10452	Ruthenium(III) chloride-3-hydrate <i>Ruthénium(III) chlorure-3-hydrate / Rutenio(III) cloruro-3-hidrato</i> $RuCl_3 \cdot 3H_2O$ $M = 261,47$ g/mol	WG. 2849	10 g	275,—	233,75	220,—	206,25

		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
Code-Number							
A) RID-ADR							
B) GIVE, GGVS							
C) MDG-CODE (GGVSee)							
65091	tri-Ruthenium dodecacarbonyl PROSYNTH®	FL. 2849	1 g	202,—	171,70	161,60	151,50
A 8.1/5	tri-Ruthéniumdodécacarbonyle / tri-						
C 6.1 2811 2	Ruteniododécacarbonilo						
	Ru ₃ (CO) ₁₂						
	C ₁₂ O ₁₂ Ru ₃ M = 639,33 g/mol	FL. 2849	1 g	44,75	38,05	35,80	33,58
63048	Ruthenium(IV) oxide PROSYNTH®						
	Ruthénium(IV) oxyde / Rutenio(IV) óxido						
	RuO ₂ M = 133,07 g/mol						
	assay 99%	FL. 3205	1 g	34,—	28,90	27,20	25,50
14845	Ruthenium red						
	Rouge de ruthénium / Rojo de rutenio						
	[Ru ₃ (O) ₂ (NH ₃) ₁₄]Cl ₆ · 4H ₂ O M = 858,41 g/mol						
	Rutil see Titanium(IV) oxide, natural						
	Rutin see Rutoside						
20829	Rutoside chem. pure DAB 8, Reag. Ph. Eur. I	WG. 2941	100 g	15,75	13,40	12,60	11,80
	Rutoside / Rutosida						
	C ₂₇ H ₃₀ O ₁₆ · 3H ₂ O M = 664,57 g/mol						
16104	○ D(+)-Saccharose chem. pure Ph. Eur. I, B. P. 1973,	PF. PF. PF. S. FTP. 1701	250 g 1 kg 2,5 kg 50 kg 50 kg	8,75 22,— 47,— price on request price on request	7,45 18,70 39,—	7,— 17,60 36,65	6,58 16,98 35,28
	Ph. Franç. IX, Reag. Ph. Eur. I						
	D(+)-Saccharose / D(+)-Sacarosa						
	C ₁₂ H ₂₂ O ₁₁ M = 342,30 g/mol						
	specific rotation ([α] _D ²⁰ , c = 20,0 in H ₂ O)						
 +66,2° to +66,8°						
	sulphated ash 0,01%						
	acidly or alkalinely reacting impurities passes test						
	barium (Ba) passes test						
	lead (Pb) 0,00002%						
	sulphite (SO ₃) passes test						
	dextrines passes test						
	dye-stuffs passes test						
	foreign sugar passes test						
	glucose and invert sugar passes test						
	Safraniline see Rhodamine B						
	Safranin B extra see Phenosafranin						
32963	Safranin solution aqueous, according to Olt for microscopy	PF. 3819	250 ml	13,25	11,25	10,60	9,98
	Safranine en solution / Safranina en solución						
	1 L ≈ 1,00 kg						
32610	Safranin T (C. I. No. 50240, S. No. 967) redox indicator and for	WG. WG. 3205	25 g 100 g	8,25 23,50	7,— 20,—	6,60 18,80	6,20 17,68
	microscopy E ₀ at pH 7—0,29 Volt, rH 4—7,5						
	Safranine T / Safranina T						
64832	Safrole PROSYNTH®	FL. 2910	500 ml	131,—	111,35	104,80	100,88
100°C	Safrole / Safrol						
	CH ₂ =CHCH ₂ C ₆ H ₃ OCH ₂ O						
	C ₁₀ H ₁₀ O ₂ M = 162,19 g/mol 1 L ≈ 1,09 kg						
	assay (GC) 99%						
	boiling range 232—234 °C						
	refractive index (n _D ²⁰) 1,535						
39171	D-Salicin BIOSYNTH®	WG. 2941	10 g	51,—	43,35	40,80	38,28
	D-Salicine / D-Salicina						
	HOCH ₂ CH(CHOH) ₃ CH(OC ₆ H ₄ CH ₂ OH)O						
	C ₁₃ H ₁₈ O ₇ M = 286,28 g/mol						
	melting range 197—199 °C						
	specific rotation ([α] _D ²⁰ , c = 3 in H ₂ O) -63° ± 1°						
	Salicin yellow see Alizarin yellow GG						
	Salicyl alcohol see 2-Hydroxybenzyl alcohol						




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270	Salicylaldehyde PROSYNTH® <i>Aldéhyde salicylique / Salicilaldehido</i> $C_6H_4(CHO)(OH)$ $C_7H_6O_2$ $M = 122,12$ g/mol 1 L ≈ 1,16 kg assay (GC) 99% boiling range 195–197 °C refractive index (n_D^{20}) 1,573	FL. FL. 2911	100 ml 1 L	11,75 77,50	10,— 65,90	9,40 62,—	8,80 59,70
508	Salicylaldoxime R. G. <i>Salicylaldoxime / Salicilaldoxima</i> $C_6H_5(OH)[CH(=N)OH]$ $C_7H_7NO_2$ $M = 137,14$ g/mol assay (ex N) min. 98% melting range 58–60 °C sulphated ash max. 0,05% suitability for determination of metals passes test	PF. PF. 2929	25 g 100 g	21,50 66,50	18,30 56,55	17,20 53,20	16,15 49,90
271	Salicylamide PROSYNTH® <i>Salicylamide / Salicilamida</i> $C_6H_4(CONH_2)(OH)$ $C_7H_7NO_2$ $M = 137,14$ g/mol assay (GC) 99% melting range 140–142 °C	PF. PF. 2925	500 g 2,5 kg	20,75 82,—	17,65 68,05	16,60 63,95	16,— 61,50
2301	Salicylic acid chem. pure Ph. Eur. I, B.P. 1973, Ph. Franç. IX, Reag. Ph. Eur. I <i>Acide salicylique / Acido salicílico</i> $C_6H_4(COOH)(OH)$ $C_7H_6O_3$ $M = 138,12$ g/mol assay 99,8% sulphated ash 0,05% heavy metals (as Pb) 0,0005% chloride (Cl) 0,01% sulphate (SO_4) 0,01% Salicylsulphonic acid see Sulphosalicylic acid	PF. PF. FTP. FTP. 2916	1 kg 5 kg 50 kg 2x	22,50 92,— kg 10,50 kg 10,—	19,15 76,35 10,50 10,—	18,— 71,75	17,35 69,—
0586	Samarium powder <i>Samarium / Samario</i> Sm $M = 150,4$ g/mol assay 99%	FL. 2805	1 g	35,50	30,20	28,40	26,65
0587	Samarium fluoride <i>Samarium fluorure / Samario fluoruro</i> SmF_3 $M = 207,40$ g/mol assay 99%	WG. 2852	10 g	110,50	93,95	88,40	82,90
0588	Samarium nitrate-5-hydrate <i>Samarium nitrate-5-hydrate / Samario nitrato-5-hidrato</i> $Sm(NO_3)_3 \cdot 5H_2O$ $M = 426,49$ g/mol	WG. 2852	10 g	39,25	33,35	31,40	29,45
10589	Samarium oxide <i>Samarium oxyde / Samario óxido</i> Sm_2O_3 $M = 348,80$ g/mol assay 99%	WG. 2852	10 g	23,75	20,20	19,—	17,80
16109	Saponin pure <i>Saponine / Saponina</i>	PF. PF. FTP. 2941	100 g 1 kg 50 kg	29,— 218,— price on request	24,65 185,30	23,20 174,40	21,75 167,85
16108	Saponin purified <i>Saponine / Saponina</i>	PF. PF. 2941	250 g 1 kg	29,50 98,50	25,10 83,75	23,60 78,80	22,15 75,85

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Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
16145	Sarcosine technical cryst. <i>Sarcosine / Sarcosina</i> <chem>CH3NHCH2COOH</chem> <chem>C3H7NO2</chem> $M = 89,09$ g/mol assay 98,5% melting point abt. 208 °C	PF. 2923	1 kg	54,—	45,90	43,20	41,6
60408	Sarcosine anhydride PROSYNTH® <i>Anhydride sarcosine / Anhidrido sarcosina</i> <chem>CH3NCH2CON(CH3)CH2CO</chem> <chem>C6H10N2O2</chem> $M = 142,16$ g/mol assay (ex N) 98% melting range 145—148 °C	PF. PF. 2923	25 g 100 g	42,75 144,—	36,35 122,40	34,20 115,20	32,0 108,—
10447	Scandium powder <i>Scandium / Scandia</i> Sc $M = 44,96$ g/mol Scatol see 3-Methylindole Scatol- ω -acetic acid see 3-Indolpropionic acid	WG. 2805	1 g	262,—	222,70	209,60	196,5
36078	Schlesinger's reagent for urobilin <i>Réactif de Schlesinger / Reactivo de Schlesinger</i> C 3.2 1142 2 +15 °C 1 L \approx 1,00 kg	FL. 3819	250 ml	10,75	9,15	8,60	8,0
56040	Scintillation cocktail 303 E <i>Scintillation-cocktail 303 E / Escintilación-cóctel 303 E</i> A 3/3 C 3.3 1307 2 +26 °C R: 11 S: 7-16 disposal: 6	FL. ALU. 3819	2,5 L 5 L	62,— 108,50	51,45 90,05	48,35 84,65	46,5 81,4
56039	Scintillation cocktail 808 E <i>Scintillation-cocktail 808 E / Escintilación-cóctel 808 E</i> A 3/3 C 3.3 1307 2 +26 °C R: 10-20 S: 24/25 disposal: 6	FL. ALU. 3819	2,5 L 5 L	77,50 136,50	64,35 113,30	60,45 106,45	58, 102,4
56043	Scintillator 303 <i>Scintillateur 303 / Escintilador 303</i> A 3/3 C 3.3 1307 2 +26 °C R: 10-20 S: 24/25 disposal: 6	FL. FL. ALU. 3819	1 L 2,5 L 5 L	15,75 32,75 58,50	13,40 27,20 48,55	12,60 25,55 45,65	12, 24, 43,1
56044	Scintillator 808 <i>Scintillateur 808 / Escintilador 808</i> A 3/3 C 3.3 1307 2 +26 °C R: 10-20 S: 24/25 disposal: 6	FL. FL. ALU. 3819	1 L 2,5 L 5 L	18,— 38,— 68,—	15,30 31,55 56,45	14,40 29,65 53,05	13, 28, 51,
Scintillators Chemicals for measuring scintillation see respective article. Complete range see appendix.							
31624	Sea sand R. G. acid washed and calcined <i>Sable de mer / Arena de mar</i> iron soluble in acid (Fe) max. 0,01% soluble in hydrochloric acid max. 0,15% loss on ignition max. 0,1% chloride (Cl) max. 0,005% granulation abt. 0,1—0,3 mm	PF. PF. PF. FTP. 2505	500 g 1 kg 5 kg 50 kg	19,— 31,75 134,50 kg 16,—	16,15 27,— 111,65 16,—	15,20 25,40 104,90	14, 24, 100, 16,—
18649	Sea sand hydrochloric acid washed <i>Sable de mer / Arena de mar</i>	PF. PF. S. S. 2505	1 kg 5 kg 50 kg 5x	13,50 46,— kg 4,50 kg 4,30	11,50 38,20 4,50 4,30	10,80 35,90	10, 34,

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
48	Sea sand crude calcined for cleaning platinum crucibles <i>Sable de mer / Arena de mar</i>	PF. S. 2505	5 kg 50 kg	35,75 kg	29,65 2,—	27,90	26,80
05	Sebacic acid cryst. <i>Acide sébacique / Acido sebácico</i> $\text{HOOC}(\text{CH}_2)_8\text{COOH}$ $\text{C}_{10}\text{H}_{18}\text{O}_4$ $M = 202,25$ g/mol assay 99% melting range 130—132 °C sulphated ash 0,1% Sebacic acid-bis(2-ethylhexyl ester) see Bis(2-ethylhexyl)-sebacate	PF. S. 2915	500 g 25 kg	44,25 price on request	37,60	35,40	34,05
700	Sebacic acid dinitrile PROSYNTH® <i>Acide sébacique dinitrile / Acido sebácico dinitrilo</i> $\text{NC}(\text{CH}_2)_8\text{CN}$ $\text{C}_{10}\text{H}_{16}\text{N}_2$ $M = 164,25$ g/mol 1 L \approx 0,92 kg assay (GC) 96% boiling range (at 21 mbar) 201—203 °C refractive index (n_D^{20}) 1,448	FL. 2927	25 ml	22,—	18,70	17,60	16,50
162	D-Sedoheptulose monohydrate BIOSYNTH® <i>D-Sédoheptulose monohydraté / D-Sedoheptulosa monohidrato</i> ampoule of 250 mg $\text{C}_7\text{H}_{12}\text{O}_8 \cdot \text{H}_2\text{O}$ $M = 210,18$ g/mol melting range 102—104 °C specific rotation ($[\alpha]_D^{20}$; c=2 in H_2O) $-134^\circ \pm 2^\circ$ Seignette salt see Potassium sodium tartrate	2935	1 pack	42,75	36,35	34,20	32,05
110	Selenium chem. pure slabs <i>Sélénium / Selenio</i> Se $M = 78,96$ g/mol  R: 23/25-33 S: 20/21-28-44 disposal: 24	PF. 2804	25 g	18,50	15,75	14,80	13,90
112	Selenium grey powder <i>Sélénium / Selenio</i> Se $M = 78,96$ g/mol assay min. 99,5%  R: 23/25-33 S: 20/21-28-44 disposal: 24	WG. 2804	100 g	51,—	43,35	40,80	38,25
8633	0,100 g Selenium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Sélénium / 0,100 g Selenio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
2573	1,00 g Selenium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Sélénium / 1,00 g Selenio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
6090	Selenium mixture for the quick determination of nitrogen according to Wieninger <i>Mélange de sélénium / Mezcla reactiva de selenio</i>  R: 23/25-33 S: 20/21-28-44 disposal: 10	PF. PF. PF. 3819	250 g 1 kg 5 kg	10,75 29,— 120,50	9,15 24,65 100,—	8,60 23,20 94,—	8,05 22,35 90,40

Code-Number
A) RID/ADR
B) GGV/CCVS
C) IMDG-CODE (GGVSee)

10106 Selenium tetrachloride
Sélénium tétrachlorure / Selenio tetracoloruro
A 8/12
C 8 1758 2 SeCl4 $M = 220,77$ g/mol



R: 23/25-33 S: 20/21-28-44
disposal: 10

64836 Selenourea PROSYNTH®
Sélénourée / Selenourea
A 6.1/21
C 6.1 2811 2 NH2CSeNH2 $M = 123,02$ g/mol



R: 23/25-33 S: 20/21-28-44
disposal: 10

CH4N2Se $M = 123,02$ g/mol
assay (ex N) 99%
melting range 211–214 °C (disint.)

10118 Selenous acid cryst.
Acide sélénieux / Acido selenioso
A 6.1
C 6.1 2811 2 H2SeO3 $M = 128,97$ g/mol



R: 23/25-33 S: 20/21-28-44
disposal: 10

assay 99%
residue on ignition 0,2%
iron (Fe) 0,01%
chloride (Cl) 0,005%
sulphate (SO₄) 0,01%

33614 Semicarbazide hydrochloride R. G.
Sémicarbazide chlorhydrate / Semicarbazida clorhidrato
NH2NHCONH2 · HCl
CH6ClN3O $M = 111,53$ g/mol

assay min. 99,0%
melting range 174–177 °C
sulphated ash max. 0,02%
hydrazine (N₂H₄) max. 0,01%

Sensitizers see Photographic dyes. Please ask for the relevant list.

39033 L(+)-Serine BIOSYNTH®
L(+)-Sérine / L(+)-Serina
HOCH2CH(NH2)COOH
C3H7NO3 $M = 105,09$ g/mol

assay (ex N) 99%
specific rotation ($[\alpha]_D^{25}$; c=9 in HCl 1 mol/l) . +14° ± 1°

39095 L-Serine methyl ester hydrochloride BIOSYNTH®
Méthyle L-sérinate chlorhydrate / Metilo L-serinato clorhidrato

HOCH2CH(NH2)COOCH3 · HCl
C4H10ClNO3 $M = 155,58$ g/mol

assay (ex N) 98%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

39207 Serotonin-creatinine sulphate monohydrate BIOSYNTH®
Sérotinine-crétinine sulfate monohydraté / Serotonina-creatinina sulfato monohidrato

HOCH2CH(NHCH2CH2NH2)COOCH3 · C4H7N3O · H2SO4 · H2O
C14H21N5O6S · H2O $M = 405,43$ g/mol

assay (ex N) 99%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

WG.
2814

FL.
2934

PF.
PF.
2813

PF.
PF.
2929

WG.
2923

WG.
2923

FL.
2935

50 g 51,50 43,80 41,20 38,6

1 g 35,— 29,75 28,— 26,2

100 g 26,75 22,75 21,40 20,0
250 g 61,50 52,30 49,20 46,1

25 g 13,25 11,25 10,60 9,8
100 g 36,— 30,60 28,80 27,1

10 g 13,25 11,25 10,60 9,8

10 g 49,75 42,30 39,80 37,1

1 g 16,50 14,05 13,20 12,1

e-Number D/ADR GVE/GGVS IDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
690	Silica gel D for thin-layer chromatography without binding medium addition <i>Gel de silice D / Silicagel D</i> pH (10%, 20 °C) 7 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2813	250 g 1 kg	14,50 42,75	12,35 36,35	11,60 34,20	10,90 32,90
691	Silica gel DF for thin-layer chromatography with luminous pigment addition for short-wave UV (254 nm). <i>Gel de silice DF / Silicagel DF</i> pH (10%, 20 °C) 7 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2813	250 g 1 kg	15,75 46,—	13,40 39,10	12,60 36,80	11,80 35,40
693	Silica gel DG for thin-layer chromatography <i>Gel de silice DG / Silicagel DG</i> gypsum content 13% pH (10%, 20 °C) 7 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2813	250 g 1 kg	14,50 42,75	12,35 36,35	11,60 34,20	10,90 32,90
694	Silica gel DGF for thin-layer chromatography with luminous pigment addition for short-wave UV (254 nm) <i>Gel de silice DGF / Silicagel DGF</i> gypsum content 13% pH (10%, 20 °C) 7 granulation less than 30 µm (400 mesh ASTM)	PF. PF. 2813	250 g 1 kg	15,75 46,—	13,40 39,10	12,60 36,80	11,80 35,40
1607	Silica gel S 0,032—0,063 mm for column chromatography <i>Gel de silice S / Silicagel S</i> pH (10%, 20 °C) 7 granulation 32—63 µm (230—400 mesh ASTM) pour density 0,4 g/ml	PF. 2813	1 kg	74,50	63,35	59,60	57,35
1608	Silica gel S 0,063—0,1 mm for column chromatography <i>Gel de silice S / Silicagel S</i> pH (10%, 20 °C) 7 granulation 63—100 µm (150—230 mesh ASTM) pour density 0,5 g/ml	PF. PF. 2813	250 g 1 kg	20,50 60,—	17,45 51,—	16,40 48,—	15,40 46,20
1643	Silica gel S 0,2—0,5 mm for column chromatography <i>Gel de silice S / Silicagel S</i> pH (10%, 20 °C) 7 granulation 200—500 µm (35—70 mesh ASTM) pour density 0,5 g/ml	PF. PF. 2813	250 g 1 kg	16,75 49,25	14,25 41,85	13,40 39,40	12,55 37,90
9802	Silica gel 60 HPLC 0,005 mm (5 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5—7,0 granulation 5±2,5 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6 nm	WG. 2813	10 g	68,—	57,80	54,40	51,—
9803	Silica gel 60 HPLC 0,010 mm (10 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5—7,0 granulation 10±2,5 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6nm	WG. 2813	10 g	68,—	57,80	54,40	51,—
9804	Silica gel 60 HPLC 0,015 mm (15 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5—7,0 granulation 15±2,5 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6 nm	WG. 2813	10 g	54,50	46,35	43,60	40,90

Code-Number
A) RHD/ADR
B) GIVE/GOVS
C) IMUG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

39805	Silica gel 60 HPLC 0,020 mm (20 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5–7,0 granulation 20 ± 2,5 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6 nm	WG. 2813	10 g	54,50	46,35	43,60	40,9
39806	Silica gel 60 HPLC 0,005-0,020 mm (5-20 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5–7,0 granulation 5–20 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6 nm	WG. 2813	10 g	35,—	29,75	28,—	26,2
39807	Silica gel 60 HPLC 0,020-0,032 mm (20-32 µm) for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i> pH (10%, 20 °C) 6,5–7,0 granulation 20–32 µm pore volume 0,75 ml/g specific surface abt. 500 m ² /g middle pore diameter 6 nm	WG. 2813	10 g	27,25	23,15	21,80	20,4
39828	Silica gel 60 HPLC 0,005 mm (5 µm) C ₈ -reverse phase for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	155,—	131,75	124,—	116,2
39829	Silica gel 60 HPLC 0,010 mm (10 µm) C ₈ -reverse phase for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	142,—	120,70	113,60	106,5
39830	Silica gel 60 HPLC 0,005 mm (5 µm) C ₁₈ -reverse phase for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	155,—	131,75	124,—	116,2
39831	Silica gel 60 HPLC 0,010 mm (10 µm) C ₁₈ -reverse phase for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	142,—	120,70	113,60	106,5
39834	Silica gel 60 HPLC 0,005 mm (5 µm) CN for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	176,—	149,60	140,80	132,
31612	Silica gel S 0,063–0,2 mm for column chromatography <i>Gel de silice S / Silicagel S</i> pH (10%, 20 °C) 7 granulation 63–200 µm (70–230 mesh ASTM) pour density 0,5 g/ml	PF. FTP. 2813	1 kg 25 kg	45,75 price on request	38,90	36,60	35,
39835	Silica gel 60 HPLC 0,010 mm (10 µm) CN for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	161,—	136,85	128,80	120,
39832	Silica gel 60 HPLC 0,005 mm (5 µm) NH ₂ for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	155,—	131,75	124,—	116,
39833	Silica gel 60 HPLC 0,010 mm (10 µm) NH ₂ for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	143,—	121,55	114,40	107,
39836	Silica gel 60 HPLC 0,005 mm (5 µm) NO ₂ for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	176,—	149,60	140,80	132,
39837	Silica gel 60 HPLC 0,010 mm (10 µm) NO ₂ for high-pressure-liquid chromatography <i>Gel de silice 60 HPLC / Silicagel 60 HPLC</i>	WG. 2813	10 g	161,—	136,85	128,80	120,

Article-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
710 Silica gel granulation 1,5—3 mm <i>Gel de silice / Silicagel</i>	PF. PF. 2813	500 g 1 kg	16,— 29,—	13,60 24,65	12,80 23,20	12,30 22,35
711 Silica gel with moisture indicator (blue gel) Reag. Ph. Eur. I <i>Gel de silice / Silicagel</i> size of pores 25 Å porosity 0,53 cm ³ /g bulk density 0,6 g/ml particle size 0,5—1 mm active surface 800 m ² /g loss on ignition (900 °C) 8% water absorbing property: at 20% relative humidity 12% at 40% relative humidity 24% at 60% relative humidity 30% at 80% relative humidity 36%	PF. PF. PF. BLT. 3819	500 g 1 kg 2,5 kg 25 kg	15,— 27,75 59,— kg 9,95	12,75 23,60 48,95 9,95	12,— 22,20 46,—	11,55 21,35 44,25
745 Silica gel with moisture indicator pearls <i>Gel de silice / Silicagel</i>	PF. PF. PF. BLT. 3819	500 g 1 kg 2,5 kg 50 kg	17,50 32,— 68,— kg 11,90	14,90 27,20 56,45 11,90	14,— 25,60 53,05	13,50 24,65 51,—
7614 TLC-Plates, pre-coated SI 10 × 20 cm Silica gel on glass plates <i>Plaques CCM finies SI 10 × 20 cm / DC-Placas preparadas SI 10 × 20 cm</i> package with 50 plates	7604	1 pack	93,—	79,05	74,40	69,75
7613 TLC-Plates, pre-coated SIF 10 × 20 cm Silica gel with fluorescent indicator 254 nm on glass plates <i>Plaques CCM finies SIF 10 × 20 cm / DC-Placas preparadas SIF 10 × 20 cm</i> package with 50 plates	7604	1 pack	93,—	79,05	74,40	69,75
7346 TLC-Cards SI 10 × 20 cm Silica gel on aluminium sheets layer thickness 0,2 mm <i>Feuilles CCM SI 10 × 20 cm / CCF-Tarjetas SI 10 × 20 cm</i> package with 20 sheets	7604	1 pack	27,75	23,60	22,20	20,80
7361 TLC-Cards SI 20 × 20 cm Silica gel on aluminium sheets layer thickness 0,2 mm <i>Feuilles CCM SI 20 × 20 cm / CCF-Tarjetas SI 20 × 20 cm</i> package with 25 sheets	7604	1 pack	53,50	45,50	42,80	40,15
7345 TLC-Cards SIF 10 × 20 cm Silica gel with fluorescent indicator 254 nm on aluminium sheets layer thickness 0,2 mm <i>Feuilles CCM SIF 10 × 20 cm / CCF-Tarjetas SIF 10 × 20 cm</i> package with 20 sheets	7604	1 pack	27,75	23,60	22,20	20,80
7600 TLC-Plates, pre-coated SI 20 × 20 cm Silica gel on glass plates layer thickness 0,25 mm <i>Plaques CCM finies SI 20 × 20 cm / CCF-Placas SI preparadas 20 × 20 cm</i> package with 25 plates	7604	1 pack	75,50	64,20	60,40	56,65
7601 TLC-Plates, pre-coated SIF 20 × 20 cm Silica gel with fluorescent indicator 254 nm on glass plates layer thickness 0,25 mm <i>Plaques CCM finies SIF 20 × 20 cm / CCF-Placas preparadas SIF 20 × 20 cm</i> package with 25 plates	7604	1 pack	98,50	83,75	78,80	73,90

Code-Number
A) RID/ADR
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C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
37341	TLC-Micro-Cards SIF 5 × 10 cm Silica gel with fluorescent indicator 254 nm on aluminium sheets layer thickness 0,2 mm <i>Micro-Feuilles CCM SIF 5 × 10 cm / CCF-Micro-Tarjetas SIF 5 × 10 cm</i> package with 50 sheets	7604	1 pack	21,75	18,50	17,40	16,3
37360	TLC-Cards SIF 20 × 20 cm Silica gel with fluorescent indicator 254 nm on aluminium sheets layer thickness 0,2 mm <i>Feuilles CCM SIF 20 × 20 cm / CCF-Tarjetas SIF 20 × 20 cm</i> package with 25 sheets	7604	1 pack	53,50	45,50	42,80	40,1
13712	Silicic acid pure powder <i>Acide silicique / Acido silicico</i> $\text{SiO}_2 \cdot x\text{H}_2\text{O}$ $M = (\text{anhydrous}) 60,08 \text{ g/mol}$ loss on ignition (1000 °C, 1 h) 10% residue on fluoration (as sulphates) 1,2%	PF. PF. S. 2813	1 kg 2,5 kg 25 kg	17,50 37,25 price on request	14,90 30,90	14,— 29,05	13,5 27,9
13719	Silicic acid pure anhydrous <i>Acide silicique / Acido silicico</i> SiO_2 $M = 60,08 \text{ g/mol}$ loss on ignition (1000 °C, 1 h) 0,3% residue on fluoration (as sulphates) 1,5% iron (Fe) 0,02%	PF. PF. 2813	250 g 1 kg	22,75 66,50	19,35 56,55	18,20 53,20	17,0 51,2
	Silicic acid native white powder see Quartz white powder						
13733 C 4.1 1348 3	Silicon technical finest powder <i>Silicium / Silicio</i> Si $M = 28,09 \text{ g/mol}$ assay 97,5%	PF. PF. BLT. 2804	1 kg 5 kg 50 kg	22,75 85,50 price on request	19,35 70,95	18,20 66,70	17,1 64,—
13732 C 4.1 1348 3	Silicon technical powder <i>Silicium / Silicio</i> Si $M = 28,09 \text{ g/mol}$ assay 97,5%	PF. PF. BLT. 2804	1 kg 5 kg 50 kg	19,— 71,— price on request	16,15 58,95	15,20 55,40	14,6 53,—
38627	0,100 g Silicon FIXANAL® water-soluble standard for atom absorption <i>0,100 g Silicium / 0,100 g Silicio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,—
38575	1,00 g Silicon FIXANAL® watersoluble standard for atom absorption <i>1,00 g Silicium / 1,00 g Silicio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,—
	Silicon dioxide see Silicic acid						
39650	Silicone DC 200 for gas chromatography <i>Silicone DC 200 / Silicona DC 200</i> 1 L = 1,04 kg working temperature 20 to 200 °C	FL. 3901	50 ml	17,—	14,45	13,60	12,—
39651	Silicone DC 550 for gas chromatography <i>Silicone DC 550 / Silicona DC 550</i> 1 L = 1,06 kg working temperature to 200 °C	FL. 3901	50 ml	22,50	19,15	18,—	16,—
39652	Silicone DC FS 1265 (Silicone DC QF-1) for gas chromatography <i>Silicone DC FS 1265 / Silicona DC FS 1265</i> working temperature to 225 °C	FL. 3901	25 g	47,—	39,95	37,60	35,—

e-Number ADR VE/GGVS DG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM			
		1x	6x	24x	96x
			(1 Box)	(4 Boxes)	(16 Boxes)
53 Silicone DC high vacuum grease for gas chromatography <i>Silicone DC graisse lourde pour la vide / Silicona DC grasa de alto vacuo</i> working temperature to 300 °C	WG. 3901	50 g	18,—	15,30	14,40 13,50
54 Silicone GE SE-30 for gas chromatography <i>Silicone GE SE-30 / Silicona GE SE-30</i> working temperature 50 to 280 °C	WG. 3901	50 g	22,—	18,70	17,60 16,50
55 Silicone GE SE-52 for gas chromatography <i>Silicone GE SE-52 / Silicona GE SE-52</i> working temperature 50 to 280 °C	WG. 3901	50 g	46,—	39,10	36,80 34,50
56 Silicone GE SE-54 for gas chromatography <i>Silicone GE SE-54 / Silicona GE SE-54</i> working temperature 50 to 280 °C	WG. 3901	50 g	49,25	41,85	39,40 36,95
57 Silicone GE XE-60 for gas chromatography <i>Silicone GE XE-60 / Silicona GE XE-60</i> working temperature to 230 °C	WG. 3901	10 g	104,—	88,40	83,20 78,—
58 Silicone OV-1 for gas chromatography <i>Silicone OV-1 / Silicona OV-1</i> working temperature 80 to 350 °C	WG. 3901	10 g	122,50	104,15	98,— 91,90
59 Silicone OV-3 for gas chromatography <i>Silicone OV-3 / Silicona OV-3</i> working temperature to 350 °C	WG. 3901	10 g	61,50	52,30	49,20 46,15
60 Silicone OV-7 for gas chromatography <i>Silicone OV-7 / Silicona OV-7</i> working temperature to 350 °C	WG. 3901	10 g	61,50	52,30	49,20 46,15
61 Silicone OV-11 for gas chromatography <i>Silicone OV-11 / Silicona OV-11</i> working temperature to 350 °C	WG. 3901	10 g	61,50	52,30	49,20 46,15
62 Silicone OV-17 for gas chromatography <i>Silicone OV-17 / Silicona OV-17</i> working temperature to 350 °C	WG. 3901	10 g	61,50	52,30	49,20 46,15
63 Silicone OV-22 for gas chromatography <i>Silicone OV-22 / Silicona OV-22</i> working temperature to 350 °C	WG. 3901	10 g	142,—	120,70	113,60 106,50
64 Silicone OV-25 for gas chromatography <i>Silicone OV-25 / Silicona OV-25</i> working temperature to 350 °C	WG. 3901	10 g	142,—	120,70	113,60 106,50
65 Silicone OV-61 for gas chromatography <i>Silicone OV-61 / Silicona OV-61</i> working temperature 30 to 350 °C	WG. 3901	10 g	142,—	120,70	113,60 106,50
66 Silicone OV-101 for gas chromatography <i>Silicone OV-101 / Silicona OV-101</i> working temperature 30 to 350 °C	WG. 3901	10 g	125,50	106,70	100,40 94,15
667 Silicone OV-210 for gas chromatography <i>Silicone OV-210 / Silicona OV-210</i> working temperature to 275 °C	WG. 3901	10 g	125,50	106,70	100,40 94,15
668 Silicone OV-225 for gas chromatography <i>Silicone OV-225 / Silicona OV-225</i> working temperature to 275 °C	WG. 3901	10 g	175,—	148,75	140,— 131,25

Code-Number

A) RID/ADR

B) GHS/CLP

C) IMDG-CODE (GGVSee)

13736

Silicon tetrachloride technical
Silicium tetrachlorure / Silicio tetracoloruro

A 8/11

C 8 1818 2

SiCl₄ M = 169,90 g/mol

1 L = 1,48 kg

assay

99,8 %

boiling range

56–58 °C



R: 14-36/37/38 S: 7/8-26

disposal: 11

Silicotungstic acid see Tungstosilicic acid
Silvan see 2-Methylfuran

10453

Silver wire 1 mm Ø
Argent / Plata

Ag M = 107,87 g/mol

Gehalt 99 %

assay 99 %

38626

0,100 g Silver FIXANAL® water-soluble standard for atom
absorption

0,100 g Argent / 0,100 g Plata

ampoule

38574

1,00 g Silver FIXANAL® watersoluble standard for atom
absorption

1,00 g Argent / 1,00 g Plata

ampoule



R: 34 S: 2-26

63050

Silver acetate PROSYNTH®
Argent acetate / Plata acetato

CH₃COOAg

C₂H₃AgO₂ M = 186,91 g/mol

assay (ex Ag) 99 %

10448

Silver bromide
Argent bromure / Plata bromuro

AgBr M = 187,77 g/mol

10209

Silver carbonate
Argent carbonate / Plata carbonato

Ag₂CO₃ M = 275,75 g/mol

assay 99,9 %

lead (Pb) 0,001 %

iron (Fe) 0,0005 %

copper (Cu) 0,0002 %

sodium (Na) 0,01 %

10213

Silver chloride
Argent chlorure / Plata cloruro

AgCl M = 143,32 g/mol

assay 99,6 %

lead (Pb) 0,0005 %

iron (Fe) 0,0002 %

copper (Cu) 0,0002 %

sodium (Na) 0,0005 %

sulphate (SO₄) 0,001 %

10449

Silver chromate
Argent chromate / Plata cromato

Ag₂CrO₄ M = 331,73 g/mol

assay 99 %

FL.
STP.
2814

1 L
40 kg

27,75 23,60 22,20 21,3
price on request

PF.
7105

10 g

price on request

3819

1 pack

price on request

3819

1 pack

price on request

PF.
2849

25 g

price on request

WG.
2849

25 g

price on request

PF.
PF.
PF.
2849

25 g

100 g

250 g

price on request

price on request

price on request

WG.
WG.
2849

25 g

100 g





price on request

price on request

WG.
2849

10 g

price on request

e-Number D/ADR GVE/GGVS DG-CODE (GGVSee)	Type of package B.T.N.	Price per			
		package DM	1x	6x	24x 96x
			(1 Box)	(4 Boxes)	(16 Boxes)
211 1/31A 1.1684 2	Silver cyanide <i>Argent cyanure / Plata cianuro</i> AgCN M = 133,89 g/mol  R: 26/27/28-32 S: 1/2-7-28-29-45 disposal: 22	PF. 2849	25 g	price on request	
228	Silver diethyldithiocarbamate R. G., Reag. Ph. Eur. I <i>Argent diéthylthiocarbamate / Plata dietilditiocarbamato</i> AgSCSN(C ₂ H ₅) ₂ C ₆ H ₁₀ AgNS ₂ M = 256,14 g/mol  R: 23/24/25 S: 44 disposal: 24	WG. 2931	5 g	price on request	
212 1.1 2811 3	Silver difluoride <i>Argent difluorure / Plata difluoruro</i> AgF ₂ M = 145,86 g/mol	FL. 2849	5 g	price on request	
217	Silver iodide <i>Argent iodure / Plata yoduro</i> AgJ M = 234,77 g/mol assay 99,9% lead (Pb) 0,0005% iron (Fe) 0,0002% copper (Cu) 0,0002% sodium (Na) 0,0005% sulphate (SO ₄) 0,001%	WG. WG. 2849	25 g 100 g	price on request price on request	
630 1.1 1493 2	Silver nitrate R. G., Reag. Ph. Eur. I <i>Argent nitrate / Plata nitrato</i> AgNO ₃ M = 169,87 g/mol assay min. 99,5% insoluble in water max. 0,005% lead (Pb) max. 0,001% iron (Fe) max. 0,0005% copper (Cu) max. 0,0005% substances not precipitated by hydrochloric acid (as sulphates) max. 0,04% chloride (Cl) max. 0,0001% nitrite (NO ₂) max. 0,05% sulphate (SO ₄) max. 0,01%  R: 34 S: 2-26 disposal: 24	PF. PF. PF. PF. 2849	25 g 100 g 250 g 1 kg	price on request price on request price on request price on request	
2220 1.1 1493 2	Silver nitrate cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Argent nitrate / Plata nitrato</i> AgNO ₃ M = 169,87 g/mol assay 99,5% lead (Pb) 0,001% iron (Fe) 0,0005% copper (Cu) 0,0005% substances not precipitated by hydrochloric acid (as sulphates) 0,04% nitrite (NO ₂) 0,05% sulphate (SO ₄) 0,01%  R: 34 S: 2-26 disposal: 24	PF. PF. PF. PF. 2849	50 g 100 g 500 g 1 kg	price on request price on request price on request price on request	

Code Number
A) RID/ADR
B) GHS/CLP
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (64 Boxes)

10223 Silver nitrate sticks
C 5.1 1493 2 Argent nitrate / Plata nitrato

plastic bottle of 100 g

AgNO₃ M = 169,87 g/mol
assay 99,8%
lead (Pb) 0,001%
iron (Fe) 0,0005%
copper (Cu) 0,0005%
substances not precipitated by hydrochloric acid
(as sulphates) 0,04%
nitrite (NO₂) 0,05%
sulphate (SO₄) 0,01%



R: 34 S: 2-26
disposal: 24

2849

1 pack price on request

10224 Silver nitrate sticks
C 5.1 1493 2 Argent nitrate / Plata nitrato

plastic bottle of 250 g

AgNO₃ M = 169,87 g/mol
assay 99,8%
lead (Pb) 0,001%
iron (Fe) 0,0005%
copper (Cu) 0,0005%
substances not precipitated by hydrochloric acid
(as sulphates) 0,04%
nitrite (NO₂) 0,05%
sulphate (SO₄) 0,01%



R: 34 S: 2-26
disposal: 24

2849

1 pack price on request

38310 0,1 mol Silver nitrate FIXANAL® 16,988 g AgNO₃ for 1 L 0,1 N solution
0,1 mol Argent nitrate / 0,1 mol Plata nitrato

ampoule

3819

1 pack price on request

38311 0,5 mol Silver nitrate FIXANAL® 84,94 g AgNO₃ = 0,5 equivalents
0,5 mol Argent nitrate / 0,5 mol Plata nitrato

ampoule

3819

1 pack price on request



R: 34 S: 2-26

34623 Silver nitrate solution R. G. 5%
Argent nitrate en solution / Plata nitrato en solución

AgNO₃ M = 169,87 g/mol 1 L ≈ 1,05 kg



R: 34 S: 2-26
disposal: 24

FL.

250 ml

price on request

FL.

1 L

price on request

2849

35377 Silver nitrate solution 1/35,5 mol/l 1/35,5 N volumetric solution
Argent nitrate en solution 1/35,5 mol/l / Plata nitrato en solución 1/35,5 mol/l

1 L ≈ 1,00 kg

FL.

1 L

price on request

3819

35375 Silver nitrate solution 0,1 mol/l 0,1 N volumetric solution
Ph. Eur. I
Argent nitrate en solution 0,1 mol/l / Plata nitrato en solución 0,1 mol/l

1 L ≈ 1,01 kg

FL.

500 ml

price on request

FL.

1 L

price on request

3819

10221 Silver nitrite
A 5.1/8 Argent nitrite / Plata nitrito

C 5.1 1479 2 AgNO₂ M = 153,87 g/mol





R: 22 S: 2-13
disposal: 24

PF.

25 g

price on request

2849

de-Number ID/ADR GVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
0228	Silver oxide Argent oxyde / Plata óxido Ag ₂ O M = 231,74 g/mol assay 99,9% lead (Pb) 0,0005% iron (Fe) 0,0005% copper (Cu) 0,0002% sodium (Na) 0,01% sulphate (SO ₄) 0,001%	PF. PF. 2849	25 g 100 g	price on request price on request			
1497 5.1/4B 5.1 1481 2	Silver perchlorate Argent perchlorate / Plata perclorato AgClO ₄ M = 207,32 g/mol	WG. 2849	25 g	price on request			
0227	Silver phosphate Argent phosphate / Plata fosfato Ag ₃ PO ₄ M = 418,58 g/mol	2849					
	Silver potassium cyanide see Potassium dicyan oargentate	WG.	25 g	price on request			
1494	Silver sulphate R. G. Argent sulfate / Plata sulfato Ag ₂ SO ₄ M = 311,80 g/mol assay min. 99,5% insoluble in water and silver chloride max. 0,02% substances not precipitated by hydrochloric acid max. 0,03% lead (Pb) max. 0,002% iron (Fe) max. 0,002% copper (Cu) max. 0,002% nickel (Ni) max. 0,002% zinc (Zn) max. 0,001%	PF. PF. 2849	25 g 100 g	price on request price on request			
0229	Silver sulphate Argent sulfate / Plata sulfato Ag ₂ SO ₄ M = 311,80 g/mol assay 99,9% lead (Pb) 0,0005% iron (Fe) 0,0005% copper (Cu) 0,0002% nitrate (NO ₃) 0,3%	PF. PF. PF. 2849	25 g 100 g 500 g	price on request price on request price on request			
0230	Silver sulphide Argent sulfure / Plata sulfuro Ag ₂ S M = 247,80 g/mol	PF. 2849	25 g	price on request			
10411 C 6.1 2811 3	Silver trifluoroacetate Argent trifluoroacétate / Plata trifluoroacetato F ₃ CCOOAg C ₂ AgF ₃ O ₂ M = 220,88 g/mol assay (ex Ag) 97%  R: 26/27/28 S: 1/2-13-45 disposal: 24	FL. 2914	5 g	price on request			
31631	Silver wool for elementary analysis Argentelaine / Lana de plata	PF. 7105	10 g	price on request			
35780	Simazine min. 99% PESTANAL® [2,4-Bis-(ethylamino)-6-chloro-1,3,5-triazine] ClC ₄ =NC(NHC ₂ H ₅)=NC(NHC ₂ H ₅)=N C ₇ H ₁₂ ClN ₅ M = 201,66 g/mol	FL. 2935	1 g	28,25	24,—	22,60 21,20	
35366 C 3.2 1142 2 +22°C	Soap solution according to Boutron and Boudet Solution de savon / Solución de jabón 1 L ≈ 0,93 kg  R: 11 S: 7-16 disposal: 6	PF. PK. 3819	1 L 5 L	20,25 76,—	17,20 63,10	16,20 59,30 15,60 57,—	

Code-Number

A) HOB/ACH
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

35368 Soap solution according to Clark
C 3.2 1142 2 *Solution de savon / Solución de jabón*
+22°C 1 L ≈ 0,92 kg



R: 11 S: 7-16
disposal: 6

35370 Soap solution according to Pellet 1 ml ≐ 0,001 g CaO
C 3.2 1142 2 in 100 ml water = 1°d German degree of hardness
+22°C *Solution de savon / Solución de jabón*
1 L ≈ 0,92 kg



R: 11 S: 7-16
disposal: 6

Soap solution according to Blacher see Potassium palmitate solution

Soda see Sodium carbonate

31460 Soda asbestos for elementary analysis
Amiante sodé / Amianto de sodio
loss on ignition 20–25%
CO₂-absorption min. 50%

Soda ash see Sodium carbonate

31474 Soda lime R. G. with indicator granular
C 8 1907 3 *Chaux sodée / Cal sodada*
loss on drying (105°C) 13–18%
CO₂-absorption min. 28%

31429 Sodium lumps, R. G., Reag. ACS, Reag. Ph. Eur. I
A 4.3/1A *Sodium / Sodio*
C 4.3 1428 2 Na M = 22,99 g/mol

assay min. 99%
calcium (Ca) max. 0,05%
iron (Fe) max. 0,001%
potassium (K) max. 0,01%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,002%
phosphate (PO₄) max. 0,0005%
sulphate (SO₄) max. 0,002%
total nitrogen (N) max. 0,0005%



R: 14-15-34 S: 5B-8-43A
disposal: 28

13401 Sodium lumps
A 4.3/1A *Sodium / Sodio*
C 4.3 1428 2 Na M = 22,99 g/mol

assay 99,5%
calcium (Ca) 0,1%
potassium (K) 0,01%
chloride (Cl) 0,002%



R: 14-15-34 S: 5B-8-43A
disposal: 28

38611 0,100 g Sodium FIXANAL® water-soluble standard for atom
absorption
0,100 g Sodium / 0,100 g Sodio

ampoule

38661 0,100 g organo-Sodium FIXANAL® petroleum ether-soluble
standard for atom absorption
C 3.3 1115 2 0,100 g organo-Sodium / 0,100 g organo-Sodio
+25°C

ampoule

PF. PK. 3819	1 L	20,25	17,20	16,20	15,8
	5 L	76,—	63,10	59,30	57,—
PF. PK. 3819	1 L	20,25	17,20	16,20	15,6
	5 L	76,—	63,10	59,30	57,—
PF. PF. PF. 3819	250 g	14,50	12,35	11,60	10,9
	500 g	23,—	19,55	18,40	17,7
	1 kg	42,—	35,70	33,60	32,3
PF. PF. PF. 3819	250 g	8,25	7,—	6,60	6,2
	500 g	13,25	11,25	10,60	10,2
	1 kg	24,—	20,40	19,20	18,5
WG. WG. 2805	100 g	13,—	11,05	10,40	9,7
	500 g	24,75	21,05	19,80	19,0
WG. WG. BL. 2805	500 g	19,—	16,15	15,20	14,6
	1 kg	33,75	28,70	27,—	26,—
	5 kg	131,—	108,75	102,20	98,—
3819	1 pack	10,25	8,70	8,20	7,—
3819	1 pack	33,75	28,70	27,—	25,—





e-Number D/ADR SVE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
69	1,00 g Sodium FIXANAL® watersoluble standard for atom absorption 1,00 g Sodium / 1,00 g Sodio	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						
95	10,00 g Sodium FIXANAL® as Sodium chloride 10,00 g Sodium / 10,00 g Sodio	3819	1 pack	18,75	15,95	15,—	14,05
	ampoule						
119	Sodium acetate anhydrous R. G. Sodium acétate / Sodio acetato CH ₃ COONa C ₂ H ₃ NaO ₂ M = 82,03 g/mol assay min. 99% insoluble in water max. 0,005% loss on drying (105 °C) max. 1% pH (5%, 20 °C) 7,5—9,2 calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,05% magnesium (Mg) max. 0,0005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002%	PF. PF. PF. FTP. 2914	250 g 500 g 1 kg 50 kg	11,50 16,50 29,75 kg	9,80 14,05 25,30 13,—	9,20 13,20 23,80	8,65 12,70 22,90
2023	Sodium acetate anhydrous chem. pure Sodium acétate / Sodio acetato CH ₃ COONa C ₂ H ₃ NaO ₂ M = 82,03 g/mol assay 99% loss on drying (105 °C) 1% pH (5%, 20 °C) 7,5—9,2 iron (Fe) 0,001% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% sulphate (SO ₄) 0,01%	PF. PF. S. 2914	1 kg 2,5 kg 25 kg	23,— 49,— price on request	19,55 41,65	18,40 39,20	17,70 37,75
5060	Sodium acetate anhydrous pure powder Sodium acétate / Sodio acetato CH ₃ COONa C ₂ H ₃ NaO ₂ M = 82,03 g/mol assay 98% loss on drying (105 °C) 2% pH (5%, 20 °C) 8,0—9,5 iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,05% sulphate (SO ₄) 0,02%	PF. PF. S. 2914	1 kg 2,5 kg 25 kg	20,25 42,75 price on request	17,20 35,50	16,20 33,35	15,60 32,05
2318	Sodium acetate trihydrate R. G., Reag. ACS, Reag. ISO, Reag Ph. Eur. I Sodium acétate trihydrate / Sodio acetato trihidrato CH ₃ COONa · 3H ₂ O C ₂ H ₃ NaO ₂ · 3H ₂ O M = 136,08 g/mol assay 99,5—101,5% insoluble in water max. 0,005% pH (5%, 20 °C) 7,5—9,0 aluminium (Al) max. 0,0005% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% potassium (K) max. 0,005% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% phosphate (PO ₄) max. 0,0005% sulphate (SO ₄) max. 0,002% matters reducing KMnO ₄ (as HCOOH) ... max. 0,005%	PF. PF. PF. FTP. FTP. 2914	500 g 1 kg 5 kg 50 kg 5x	11,75 20,— 83,50 kg kg	10,— 17,— 69,30 8,10 7,55	9,40 16,— 65,15	9,05 15,40 62,65

Code Number
A) RID/ADR
B) GGVE/GGVs
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)

25062	Sodium acetate trihydrate DAB 6 <i>Sodium acetate trihydrate / Sodio acetato trihidrato</i> $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$ $\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$ $M = 136,08 \text{ g/mol}$ assay 99,5% loss on drying (130 °C) 39–41% pH (5%, 20 °C) 7,5–9,2 arsenic (As) 0,0001% calcium (Ca) 0,005% iron (Fe) 0,001% magnesium (Mg) 0,002% heavy metals (as Pb) 0,0005% chloride (Cl) 0,005% sulphate (SO ₄) 0,005%	PF. PF. S. 2914	1 kg 5 kg 50 kg	11,25 32,75 price on request	9,55 27,20 price on request	9,— 25,55 price on request	8,6 24,5 price on request
25061	Sodium acetate trihydrate for infusion solution, Ph. Nord. Add. 1969 <i>Sodium acetate trihydrate / Sodio acetato trihidrato</i> $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$ $\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$ $M = 136,08 \text{ g/mol}$	PF. FTP. 2914	1 kg 50 kg	price on request price on request			
25022	Sodium acetate trihydrate chem. pure Ph. Eur. I, B.P. 1973, Ph. Franç. IX, U.S.P. XIX <i>Sodium acetate trihydrate / Sodio acetato trihidrato</i> $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$ $\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$ $M = 136,08 \text{ g/mol}$ assay of CH_3COONa in 99,88% water-free substance 39,0–40,5% loss on drying (130 °C) 0,01% free alkali (as NaOH) 0,005% aluminium (Al) 0,0001% arsenic (As) 0,001% calcium (Ca) 0,0005% iron (Fe) 0,01% potassium (K) 0,001% magnesium (Mg) 0,0005% heavy metals (as Pb) 0,005% chloride (Cl) 0,002% sulphate (SO ₄) 0,002% KMnO ₄ red. matter (as O) 0,002%	PF. PF. S. 2914	1 kg 5 kg 50 kg	12,75 37,— price on request	10,85 30,70 price on request	10,20 28,85 price on request	9,8 27,7 price on request
25025	Sodium acetate trihydrate technical cryst. <i>Sodium acetate trihydrate / Sodio acetato trihidrato</i> $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$ $\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$ $M = 136,08 \text{ g/mol}$ assay 99,5% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,05%	PF. S. 2914	5 kg 50 kg	31,25 price on request	25,95 price on request	24,40 price on request	23,— price on request
64844	Sodium acetylacetonate PROSYNTH® <i>Sodium acetylacetonate / Sodio acetilacetato</i> $\text{C}_5\text{H}_7\text{NaO}_2$ $M = 122,10 \text{ g/mol}$ assay (ex Na) 99% melting range 209–211 °C (disint.) Sodium alginate see Alginic acid sodium salt Sodium alizarinsulphonate see Alizarin S	WG. 2913	100 g	19,25	16,35	15,40	14,—
13404	Sodium aluminate exsiccated technical <i>Sodium aluminate / Sodio aluminato</i> aluminium (as Al ₂ O ₃) 54% sodium (as Na ₂ O) 41% iron (as Fe ₂ O ₃) 0,02%	PF. 2847	5 kg	39,25	32,60	30,60	29,—
65215	Sodiumaluminiumbis-(2-methoxyethoxy)-dihydride 70% in toluene PROSYNTH® <i>Sodiumaluminiumbis-(2-méthoxyéthoxy)-dihydrure / Sodioaluminibis-(2-metoxietoxi)-dihidruro</i> $\text{NaAlH}_2(\text{OCH}_2\text{CH}_2\text{OCH}_3)_2$ $\text{C}_6\text{H}_5\text{AlHNaO}_4$ $M = 202,16 \text{ g/mol}$ $1 \text{ L} \approx 1,04 \text{ kg}$	FL. 2847	100 ml	35,75	30,40	28,60	26,—

de-Number ID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
Sodium aluminium fluoride see Cryolite							
860 3/3 3 1425 2	Sodium amide 50% suspension in toluene PROSYNTH® <i>Sodium amure / Sodio amuro</i> NaNH_2 $M = 39,01$ g/mol   R: 11-20 S: 16-29-33 disposal: 6	FL. 2858	200 g	21,—	17,85	16,80	15,75
1409	Sodium ammonium hydrogen phosphate R. G. <i>Sodium-ammonium hydrogénophosphate / Sodio y amonio hidrógeno-fosfato</i> $\text{Na}(\text{NH}_4)\text{HPO}_4 \cdot 4\text{H}_2\text{O}$ $M = 209,07$ g/mol assay min. 99% insoluble in water max. 0,01% arsenic (As) max. 0,0001% iron (Fe) max. 0,0005% potassium (K) max. 0,01% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,001% sulphate (SO_4) max. 0,01%	PF. PF. FTP. 2848	250 g 1 kg 50 kg	10,— 25,25 kg 12,50	8,50 21,45 12,50	8,— 20,20	7,50 19,45
4266	Sodium ammonium hydrogen phosphate chem. pure cryst. <i>Sodium-ammonium hydrogénophosphate / Sodio y amonio hidrógenofosfato</i> $\text{Na}(\text{NH}_4)\text{HPO}_4 \cdot 4\text{H}_2\text{O}$ $M = 209,07$ g/mol assay 99% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,02%	PF. PF. S. 2848	500 g 1 kg 50 kg	12,50 22,50 price on request	10,65 19,15	10,— 18,—	9,65 17,35
0108	Sodium sec.-amyl-β-bromoallylbarbiturate <i>Sodium sec.-amyl-β-bromoallylbarbiturate / Sodio sec.-amil-β-bromalilbarbiturato</i>	PF. 2925	1 kg	price on request			
Sodium antimonate see Sodium hexahydroxoantimonate(V)							
38150 A 6.1/52A C 6.1 2027 2	0,05 mol Sodium meta-arsenite FIXANAL® 4,946 g $\text{As}_2\text{O}_3 + 2$ g NaOH for 1 L 0,1 N solution <i>0,05 mol Sodium méta-arsenite / 0,05 mol Sodio meta-arsenito</i>	3819	1 pack	8,75	7,45	7,—	6,55
ampoule							
	 R: 25-36/38 S: 25-44 disposal: 10						
13412 A 6.1/32A C 6.1 1687 2	Sodium azide <i>Sodium azoture / Sodio azida</i> NaN_3 $M = 65,01$ g/mol assay 99% insoluble in water 0,05% loss on drying (on P_2O_5 , 20mbar) 0,2% free alkali (as NaOH) 0,2% heavy metals (as Pb) 0,001%	WG. WG. WG. 2857	100 g 250 g 1 kg	16,25 34,— 115,50	13,80 28,90 98,20	13,— 27,20 92,40	12,20 25,50 88,95
	 R: 28-32 S: 28 disposal: 17						
18106	Sodium benzoate (BENZOTRON®) powder DAB 7 <i>Sodium benzoate / Sodio benzoato</i> $\text{C}_6\text{H}_5\text{COONa}$ $\text{C}_7\text{H}_5\text{NaO}_2$ $M = 144,11$ g/mol assay 99,5% loss on drying (105 °C) 0,5% heavy metals (as Pb) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,01%	PF. PF. S. 2914	1 kg 2,5 kg 25 kg	15,75 32,50 price on request	13,40 27,65	12,60 26,—	12,15 25,05
Sodium baborate see Sodium tetraborate							
Sodium bicarbonate see Sodium hydrogen carbonate							
Sodium bichromate see Sodium dichromate							

Code-Number
A) R.D. ADR
B) GHS/CLP
C) IMDG-CODE (GGVSee)

Sodium bifluoride see Sodium hydrogen fluoride
Sodium biphosphate see Sodium dihydrogen phosphate
Sodium bismuthate see Sodium trioxobismuthate(V)
Sodium bisulphate see Sodium hydrogen sulphate
Sodium borate see Sodium tetraborate
Sodium borate-hydrogen peroxide see Sodium perborate
Sodium borodeuteride see Sodium borohydride-D₄
Sodium borofluoride see Sodium fluoroborate

62861

A 4.3/2B

C 4.3 1426 1

Sodium borohydride PROSYNTH®
Sodium borohydride / Sodio borohidruro

NaBH₄

BH₄Na M = 37,83 g/mol

assay 95%



R: 15 S: 7/8-24/25-43A
disposal: 28

WG.
2857

100 g 54,— 45,90 43,20 40,50

09062

A 4.3/2B

C 4.3 1426 1

Sodium borohydride-d₄ deuteration degree not less than 97 atom % D
Sodium borohydride-d₄ / Sodio borohidruro-d₄

NaBD₄ M = 41,80 g/mol



R: 15 S: 7/8-24/25-43A
disposal: 28

FL.
2851

1 g 101,50 86,30 81,20 76,15

02151

C 5.1 1494 2

Sodium bromate chem. pure
Sodium bromate / Sodio bromato

NaBrO₃ M = 150,89 g/mol

PF.
PF.
2832

250 g 21,75 18,50 17,40 16,30
1 kg 70,— 59,50 56,— 53,90

02119

Sodium bromide chem. pure Ph.Eur. I, B. P.1973, Ph. Franç. IX, N. F. XII, Reag. Ph. Eur. I
Sodium bromide / Sodio bromuro

NaBr M = 102,89 g/mol

assay 99,5%
loss on drying (105 °C) 0,5%
free alkali (as NaOH) 0,01%
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,001%
magnesium (Mg) 0,0005%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,2%
sulphate (SO₄) 0,005%

PF.
PF.
PF.
S.
2830

500 g 11,50 9,80 9,20 8,85
1 kg 20,50 17,45 16,40 15,80
5 kg 84,— 69,70 65,50 63,—
50 kg price on request

39639

Sodium caproate for gas chromatography
Sodium caproate / Sodio caproato

CH₃(CH₂)₄COONa

C₆H₁₁NaO₂ M = 138,14 g/mol

WG.
2914

25 g 34,— 28,90 27,20 25,50

31432

Sodium carbonate anhydrous, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
Sodium carbonate / Sodio carbonato

Na₂CO₃ M = 105,99 g/mol

assay min. 99,5%
insoluble in water max. 0,01%
loss on drying (300 °C) max. 0,5%
aluminium (Al) max. 0,001%
arsenic (As) max. 0,00005%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,0005%
potassium (K) max. 0,005%
magnesium (Mg) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,001%
phosphate (PO₄) max. 0,001%
silicate (as SiO₂) max. 0,005%
total sulphur (as SO₄) max. 0,001%
total nitrogen (N) max. 0,001%

PF.
PF.
PF.
FTP.
2842

500 g 11,75 10,— 9,40 9,00
1 kg 19,75 16,80 15,80 15,20
2,5 kg 42,75 35,50 33,35 32,00
50 kg kg 7,80

e-Number D/ADR GVE/GGVS ADG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
18	○ Sodium carbonate chem. pure anhydrous B. P. C. 1968 <i>Sodium carbonate / Sodio carbonato</i> Na ₂ CO ₃ M = 105,99 g/mol assay 99,5% loss on drying (130 °C) 0,5% calcium (Ca) 0,005% arsenic (As) 0,0001% iron (Fe) 0,001% potassium (K) 0,02% magnesium (Mg) 0,004% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% phosphate (PO ₄) 0,001% sulphate (SO ₄) 0,005%	PF. PF. S. 2842	1 kg 2,5 kg 50 kg	12,50 26,25 price on request	10,65 21,80	10,— 20,50	9,65 19,70
119	Sodium carbonate purified anhydrous <i>Sodium carbonate / Sodio carbonato</i> Na ₂ CO ₃ M = 105,99 g/mol assay 99% loss on drying (130 °C) 1% iron (Fe) 0,002% heavy metals (as Pb) 0,001% chloride (Cl) 0,1%	PF. S. 2842	2,5 kg 50 kg	15,50 price on request	12,85	12,10	11,65
568	○ Sodium carbonate-1-hydrate chem. pure Ph. Eur. I, Ph. Franç. IX <i>Sodium carbonate-1-hydrate / Sodio carbonato-1-hidrato</i> Na ₂ CO ₃ · H ₂ O M = 124,00 g/mol assay of Na ₂ CO ₃ (ex dried substance) 99,8% alkali hydroxides and hydroxide carbonates passes test loss on drying (130 °C) 14—17% arsenic (As) 0,0001% iron (Fe) 0,001% potassium (K) 0,01% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. S. 2842	1 kg 50 kg	11,— price on request	9,35	8,80	8,45
1431	Sodium carbonate-10-hydrate R. G., Reag. ISO, Reag. Ph. Eur. I <i>Sodium carbonate-10-hydrate / Sodio carbonato-10-hidrato</i> Na ₂ CO ₃ · 10H ₂ O M = 286,14 g/mol assay min. 99% insoluble in water max. 0,005% aluminium (Al) max. 0,0005% arsenic (As) max. 0,00001% calcium (Ca) max. 0,002% iron (Fe) max. 0,0002% potassium (K) max. 0,005% magnesium (Mg) max. 0,0002% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% phosphate (PO ₄) max. 0,001% silicate (as SiO ₂) max. 0,001% total sulphur (as SO ₄) max. 0,002% total nitrogen (N) max. 0,0005%	PF. PF. FTP. 2842	500 g 1 kg 25 kg	8,25 11,25 kg	7,— 9,55 4,40	6,60 9,—	6,35 8,65
1414	○ Sodium carbonate-10-hydrate chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franç. IX <i>Sodium carbonate-10-hydrate / Sodio carbonato-10-hidrato</i> Na ₂ CO ₃ · 10H ₂ O M = 286,14 g/mol assay 99,5% alkali hydroxides and hydroxide carbonates passes test arsenic (As) 0,0001% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,003% sulphate (SO ₄) 0,005%	PF. PF. S. 2842	1 kg 2,5 kg 50 kg	10,50 18,50 price on request	8,95 15,35	8,40 14,45	8,10 13,90

Code-Number
A) RHD-ADR
B) CEE-ADR
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

38170 0,05 mol Sodium carbonate FIXANAL® 5,299 NaCO₃ for 1 Liter
0,1 N solution
0,05 mol Sodium carbonate / 0,05 mol Sodio carbonato
ampoule

Sodium carbonate—Potassium carbonate see Potassium
carbonate—Sodium carbonate

31492 Sodium chlorate R. G.
Sodium chlorate / Sodio clorato

A 5.1/4A
C 5.1 1495 2 NaClO₃ M = 106,44 g/mol

assay min. 99%
calcium (Ca) max. 0,002%
iron (Fe) max. 0,0005%
potassium (K) max. 0,005%
magnesium (Mg) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%
sulphate (SO₄) max. 0,003%
total nitrogen (N) max. 0,001%



R: 9-20/22 S: 2-13-16-27
disposal: 16

13420 Sodium chlorate chem. pure
Sodium chlorate / Sodio clorato

A 5.1/4A
C 5.1 1495 2 NaClO₃ M = 106,44 g/mol

assay 99,5%
calcium (Ca) 0,005%
iron (Fe) 0,001%
potassium (K) 0,005%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,05%
sulphate (SO₄) 0,005%
total nitrogen(N) 0,001%



R: 9-20/22 S: 2-13-16-27
disposal: 16

13421 Sodium chlorate powder
Sodium chlorate / Sodio clorato

A 5.1/4A
C 5.1 1495 2 NaClO₃ M = 106,44 g/mol

assay 99%



R: 9-20/22 S: 2-13-16-27
disposal: 16

31434 Sodium chloride R. G., Reg. Ph. Eur. I
Sodium chlorure / Sodio cloruro

NaCl M = 58,44 g/mol

assay min. 99,5%
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,2%
pH (5%, 20 °C) 5-8
arsenic (As) max. 0,00005%
barium (Ba) max. 0,001%
calcium (Ca) max. 0,002%
iron (Fe) max. 0,0002%
potassium (K) max. 0,01%
magnesium (Mg) max. 0,001%
heavy metals (as Pb) max. 0,0005%
bromide (Br) max. 0,005%
iodide (I) max. 0,001%
phosphate (PO₄) max. 0,0005%
sulphate (SO₄) max. 0,001%
total nitrogen (N) max. 0,001%

3819

WG.

WG.

2832

PF.

PF.

PF.

BLT.

2832

PF.

PF.

BLT.

2832

PF.

PF.

PF.

FTP.

FTP.

2501

1 pack 8,75 7,45 7,— 6,5

250 g 14,— 11,90 11,20 10,5

1 kg 35,75 30,40 28,60 27,5

500 g 16,75 14,25 13,40 12,9

1 kg 30,25 25,70 24,20 23,3

5 kg 113,50 94,20 88,55 85,1

100 kg price on request

1 kg 23,75 20,20 19,— 18,3

5 kg 89,— 73,85 69,40 66,7

50 kg price on request

500 g 11,— 9,35 8,80 8,4

1 kg 12,75 10,85 10,20 9,8

5 kg 47,— 39,— 36,65 35,2

50 kg kg 3,85

5x kg 3,60




e-Number D/ADR VE/GGVs DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
41	Sodium chloride chem. pure Ph. Eur. I, B. P.1973, Ph. Franç. IX, U. S. P. XIX <i>Sodium chlorure / Sodio cloruro</i> NaCl M = 58,44 g/mol assay 99,8% loss on drying (105 °C) 0,3% free acid (as HCl) 0,001% free alkali (as NaOH) 0,002% ammonium (NH4) 0,001% arsenic (As) 0,00005% barium (Ba) passes test calcium 0,005% iron (Fe) 0,0001% potassium (K) 0,01% magnesium (Mg) 0,0005% heavy metals (as Pb) 0,0003% bromide (Br) 0,005% phosphate (PO4) 0,0025% sulphate (SO4) 0,005%	S. 2501	50 kg	price on request			
566	Sodium chloride chem. pure cryst. free flowing <i>Sodium chlorure / Sodio cloruro</i> NaCl M = 58,44 g/mol assay 99,8% loss on drying (105 °C) 0,3% ammonium (NH4) 0,001% arsenic (As) 0,00005% calcium (Ca) 0,005% iron (Fe) 0,002% magnesium (Mg) 0,001% heavy metals (as Pb) 0,0003% sulphate (SO4) 0,005% potassium cyanoferrate (II) [K4Fe(CN)6] 0,001%	S. 2501	50 kg	price on request			
423	○ Sodium chloride chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Sodium chlorure / Sodio cloruro</i> NaCl M = 58,44 g/mol assay 99,8% free acid (as HCl) 0,001% free alkali (as NaOH) 0,002% loss on drying (105 °C) 0,3% ammonium (NH4) 0,001% arsenic (As) 0,00005% barium (Ba) passes test calcium (Ca) 0,005% iron (Fe) 0,0001% potassium (K) 0,01% bromide (Br) 0,005% magnesium (Mg) 0,0005% heavy metals (as Pb) 0,0003% phosphate (PO4) 0,0025% sulphate (SO4) 0,005%	PF. PF. S. 2501	1 kg 5 kg 50 kg	8,75 26,25 kg	7,45 21,80 1,40	7,— 20,50	6,75 19,70
3576	Sodium chloride chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Sodium chlorure / Sodio cloruro</i> NaCl M = 58,44 g/mol assay 99,8% loss on drying (105 °C) 0,3% free acid (as HCl) 0,001% free alkali (as NaOH) 0,002% ammonium (NH4) 0,001% barium (Ba) passes test calcium (Ca) 0,005% iron (Fe) 0,0001% potassium (K) 0,01% magnesium (Mg) 0,0005% heavy metals (as Pb) 0,0003% bromide (Br) 0,005% phosphate (PO4) 0,0025% sulphate (SO4) 0,005%	S. 2501	50 kg	price on request			



Code-Number

A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

Code-Number	Description	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
13565	Sodium chloride chem. pure cryst. free flowing <i>Sodium chlorure / Sodio cloruro</i> NaCl M = 58,44 g/mol assay 99,8% loss on drying (105 °C) 0,3% ammonium (NH ₄) 0,001% arsenic (As) 0,00005% calcium (Ca) 0,005% iron (Fe) 0,002% magnesium (Mg) 0,001% heavy metals (as Pb) 0,0003% sulphate (SO ₄) 0,005% potassium cyanoferrate(II) [K ₄ Fe(CN) ₆] 0,001%	PF. PF. S. 2501	1 kg 5 kg 50 kg	8,75 26,25 kg	7,45 21,80 1,40	7,— 20,50	6,— 19,—
38180	0,1 mol Sodium chloride FIXANAL® 5,844 g NaCl for 1 L 0,1 N solution <i>0,1 mol Sodium chlorure / 0,1 mol Sodio cloruro</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,—
12263	Sodium chromate chem. pure <i>Sodium chromate / Sodio cromato</i> Na ₂ CrO ₄ M = 161,97 g/mol assay 99% pH (5%, 20 °C) 8,5—10,0 calcium (Ca) 0,005% iron (Fe) 0,001% copper (Cu) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%  R: 36/37/38 S: 22-28 disposal: 16	PF. PF. S. 2847	500 g 1 kg 50 kg	33,75 62,— price on request	28,70 52,70	27,— 49,60	26,— 47,—
12265	Sodium chromate technical <i>Sodium chromate / Sodio cromato</i> Na ₂ CrO ₄ M = 161,97 g/mol assay 98% chloride (Cl) 0,3% sulphate (SO ₄) 1%  R: 36/37/38 S: 22-28 disposal: 16	PF. BLT. 2847	5 kg 170 kg	81,— price on request	67,25	63,20	60,—
12264	Sodium chromate-4-hydrate chem. pure cryst. <i>Sodium chromate-4-hydrate / Sodio cromato-4-hidrato</i> Na ₂ CrO ₄ · 4H ₂ O M = 234,03 g/mol assay 99—102% pH (5%, 20 °C) 8,5—10,0 calcium (Ca) 0,005% iron (Fe) 0,001% copper (Cu) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%  R: 36/37/38 S: 22-28 disposal: 16	PF. PF. S. 2847	500 g 1 kg 50 kg	16,— 29,— price on request	13,60 24,65	12,80 23,20	12,— 22,—
32320	Sodium cinchophen see Sodium 2-phenylquinoline-4-carboxylate <i>tri-Sodium citrate dihydrate R. G., Reag. ISO, Reag. Ph. Eur. I</i> <i>tri-Sodium citrate dihydrate / tri-Sodio citrato dihidrato</i> C ₆ H ₅ Na ₃ O ₇ · 2H ₂ O M = 294,10 g/mol assay min. 99% insoluble in water max. 0,005% water (according to Karl Fischer) 11—13% pH (5%, 20 °C) 7,5—9,0 iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,002% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. PF. FTP. 2916	250 g 500 g 1 kg 50 kg	13,— 21,75 36,25 kg	11,05 18,50 30,80 16,25	10,40 17,40 29,—	9,— 16,— 27,—

e-Number D/ADR VE/GGVS DG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			package DM	(1 Box)	(4 Boxes)	(16 Boxes)	
16	tri-Sodium citrate dihydrate pure, Ph. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>tri-Sodium citrate dihydrate / tri-Sodio citrato dihidrato</i> $C_6H_5Na_3O_7 \cdot 2H_2O$ $M = 294,10$ g/mol assay 99,5% water (according to Karl Fischer) 11–13% free acid (as $C_6H_8O_7$) 0,06% free alkali (as NaOH) 0,04% arsenic (As) 0,0001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,003% sulphate (SO_4) 0,005%	PF. S. 2916	1 kg 50 kg	19,75 price on request	16,80 15,80	15,20	
37	tri-Sodium-DL-iso-citrate dihydrate BIOSYNTH® <i>tri-Sodium-DL-iso-citrate dihydrate / tri-Sodio-DL-iso-citrato dihidrato</i> $NaOOCCH(OH)CH(COONa)CH_2COONa \cdot 2H_2O$ $C_6H_5Na_3O_7 \cdot 2H_2O$ $M = 294,10$ g/mol assay (acidimetric) 99%	FL. 2916	1 g	35,—	29,75	28,— 26,25	
14	○ tri-Sodium citrate-5,5-hydrate pure cryst. Erg. B. 6 <i>tri-Sodium citrate-5-5-hydrate / tri-Sodio citrato-5,5-hidrato</i> $C_6H_5Na_3O_7 \cdot 5,5H_2O$ $M = 357,15$ g/mol assay 99,5% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% sulphate (SO_4) 0,005% arsenic (As) 0,0002% Sodium citrate monobasic (acid) see Sodium dihydrogen citrate Sodium cobalt(III) nitrite see Sodium hexanitrocobaltate(III)	PF. PF. S. S. 2916	1 kg 5 kg 50 kg 5x	17,25 70,— kg kg	14,65 58,10 6,80 6,30	13,80 54,60	13,30 52,50
335	Sodium cyanide 98% NaCN, lumps <i>Sodium cyanure / Sodio cianuro</i> NaCN $M = 49,01$ g/mol  R: 26/27/28-32 S: 1/2-7-28-29-45 disposal: 22 Sodium cyanoferrate(II) see Sodium hexacyanoferrate(II)	PF. PF. BLT. 2843	1 kg 5 kg 50 kg	16,25 60,50 kg	13,80 50,20 3,70	13,—	12,50 45,40
365	Sodium deoxycholate chem. pure <i>Sodium désoxycholate / Sodio desoxicolato</i> $C_{24}H_{39}NaO_4$ $M = 414,56$ g/mol assay (perchloric acid titration, for dried substance) 98,5% spec. rotation (for water-free substance) ($[\alpha]_D^{20}$; $c = 10$ in H_2O) +43° loss on drying (2 h 100 °C) 2,5% free alkali (as NaOH to phenolphthalein) 0,04% chloride (Cl) 0,005% sulphate (SO_4) 0,005%	WG. WG. FTP. 2916	25 g 250 g 25 kg	21,75 166,— price on request	18,50 141,10	17,40 132,80	16,30 124,50
295	Sodium dichromate-2-hydrate R. G. <i>Sodium dichromate-2-hydrate / Sodio dicromato-2-hidrato</i> $Na_2Cr_2O_7 \cdot 2H_2O$ $M = 298,00$ g/mol assay min. 99,5% insoluble in water max. 0,005% aluminium (Al) max. 0,005% calcium (Ca) max. 0,002% potassium (K) max. 0,03% chloride (Cl) max. 0,002% sulphate (SO_4) max. 0,005%  R: 36/37/38 S: 22-28 disposal: 16	PF. PF. 2847	250 g 1 kg	20,25 59,50	17,20 50,60	16,20 47,60	15,20 45,80

Code Number
A) RIE-ADR
B) GGVE/GGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x
(1 Box) (4 Boxes)

12266 Sodium dichromate-2-hydrate cryst.
C 5.1 1464 2 Sodium dichromate-2-hydrate / Sodio dicromato-2-hidrato

Na₂Cr₂O₇ · 2H₂O M = 298,00 g/mol
assay 99,5%
chloride (Cl) 0,05%
sulphate (SO₄) 0,4%



R: 36/37/38 S: 22-28
disposal: 16

PF.
PF.
S.
2847

1 kg 15,— 12,75 12,—
5 kg 64,— 53,10 49,90
50 kg price on request

33456 Sodium diethylbarbiturate R. G., buffer substance
Sodium diethylbarbiturate / Sodio dietilbarbiturato

(C₈H₆)₂CCON = C(ONa)NHCO
C₈H₁₁N₂NaO₃ M = 206,18 g/mol
assay min. 99%
loss on drying (105 °C) max. 0,5%
free acid (as barbitol) max. 0,1%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,005%
sulphate (SO₄) max. 0,003%
foreign organic substances max. 0,2%

PF.
PF.
2925

100 g 23,— 19,55 18,40
500 g 86,— 73,10 68,80

31465 Sodium diethyldithiocarbamate trihydrate R. G.
Sodium diethyldithiocarbamate trihydrate / Sodio dietilditiocarbamato trihidrato

(C₂H₅)₂NCSSNa · 3H₂O
C₅H₁₀NNaS₂ · 3H₂O M = 225,31 g/mol
assay min. 99%
water (according to Karl Fischer) max. 24%
suitability for determination of copper passes test

WG.
WG.
2931

25 g 9,50 8,10 7,60
100 g 16,75 14,25 13,40

25112 Sodium dihydrogen citrate pure
Sodium dihydrogénocitrate / Sodio dihidrógeno-citrato

CaH₇NaO₇ M = 214,11 g/mol
assay 99%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,001%
sulphate (SO₄) 0,005%

PF.
PF.
S.
2916

1 kg 26,75 22,75 21,40
2,5 kg 57,— 47,30 44,45
50 kg price on request

04270 Sodium dihydrogen phosphate chem. pure
Sodium dihydrogénophosphate / Sodio dihidrógenofosfato

NaH₂PO₄ M = 119,98 g/mol
assay 99%
loss on drying (80 °C, 1 h, after it 105 °C, 4 h) 1%
arsenic (As) 0,0002%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,005%
sulphate (SO₄) 0,05%

PF.
PF.
S.
2840

1 kg 16,— 13,60 12,80
5 kg 49,75 41,30 38,80
50 kg price on request

04269 Sodium dihydrogen phosphate-2-hydrate chem. pure cryst.
DAB 8, B. P. 1973
Sodium dihydrogénophosphate-2-hydrate / Sodio dihidrógenofosfato-2-hidrato

NaH₂PO₄ · 2H₂O M = 156,01 g/mol
assay 98,5%
loss on drying (130 °C) 23%
arsenic (As) 0,0001%
iron (Fe) 0,001%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,005%
sulphate (SO₄) 0,05%

PF.
PF.
S.
2840

1 kg 14,75 12,55 11,80
5 kg 46,— 38,20 35,90
50 kg price on request

Sodium dihydroxy benzene-3,5-disulphonic acid see Tiron
Sodium diphenylaminosulphonic acid
see Diphenylaminosulphonic acid sodium salt

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM			
		1x	6x	24x	96x
			(1 Box)	(4 Boxes)	(16 Boxes)
04286	tetra-Sodium diphosphate pure anhydrous <i>tétra-Sodium diphosphate / tetra-Sodio difosfato</i> $\text{Na}_4\text{P}_2\text{O}_7$ $M = 265,90$ g/mol assay of $\text{Na}_4\text{P}_2\text{O}_7$ (titrimetric) 99% loss on drying (105 °C, 4 h) 0,2% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,03% sulphate (SO_4) 0,03%	PF. S. 2840	1 kg 50 kg	14,— price on request	11,90 11,20 10,80
30411	tetra-Sodium diphosphate-10-hydrate R. G. <i>tétra-Sodium diphosphate-10-hydrate / tetra-Sodio difosfato-10-hidrato</i> $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 446,05$ g/mol assay min. 99% insoluble in water max. 0,01% arsenic (As) max. 0,0001% iron (Fe) max. 0,0005% potassium (K) max. 0,01% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,002% orthophosphate (PO_4) max. 0,1% sulphate (SO_4) max. 0,01% total nitrogen (N) max. 0,0002%	PF. PF. PF. FTP. 2840	500 g 1 kg 2,5 kg 50 kg	13,75 25,— 52,50 kg 10,55	11,70 21,25 43,60 11,— 10,60 19,25 39,40
04284	tetra-Sodium diphosphate-10-hydrate chem. pure cryst. Erg. B. 6 <i>tétra-Sodium diphosphate-10-hydrate / tetra-Sodio difosfato-10-hidrato</i> $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 446,05$ g/mol assay 99% arsenic (As) 0,0001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,002% sulphate (SO_4) 0,01%	PF. PF. S. 2840	1 kg 5 kg 50 kg	14,75 54,50 price on request	12,55 45,25 11,80 42,50 11,35 40,90
31448	Sodium disulphite R. G. dry, Reag. Ph. Eur. I <i>Sodium disulfite / Sodio disulfito</i> $\text{Na}_2\text{S}_2\text{O}_5$ $M = 190,11$ g/mol assay min. 98% insoluble in water max. 0,005% arsenic (As) max. 0,00005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,002% chloride (Cl) max. 0,005% thiosulphate (S_2O_3) max. 0,01%	PF. PF. PF. FTP. 2837	500 g 1 kg 2,5 kg 50 kg	10,50 16,50 34,75 kg 5,65	8,95 14,05 28,85 8,40 13,20 27,10 8,10 12,70 26,05
13459	Sodium disulphite chem. pure dry, DAC, B. P. 1973, N. F. XIV <i>Sodium disulfite / Sodio disulfito</i> $\text{Na}_2\text{S}_2\text{O}_5$ $M = 190,11$ g/mol assay 98% insoluble in water 0,005% arsenic (As) 0,0001% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,003% thiosulphate (S_2O_3) 0,02%	PF. PF. S. 2837	1 kg 5 kg 50 kg	11,25 42,— price on request	9,55 34,85 9,— 32,75 8,65 31,50
13460	Sodium disulphite technical dry <i>Sodium disulfite / Sodio disulfito</i> $\text{Na}_2\text{S}_2\text{O}_5$ $M = 190,11$ g/mol assay 97% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,01%	PF. PF. S. 2837	1 kg 5 kg 50 kg	10,25 37,75 price on request	8,70 31,35 8,20 29,45 7,90 28,30

Code Number
A) RID-ADR
B) GHS-09
C) (MOG CODE (GGVSee))

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

(1 Box)

(4 Boxes)

(18 Boxes)

31487 Sodium dithionite R. G. (so-called sodium hydrosulphite)

A 4.2/6C Sodium dithionite / Sodio ditionito

C 4.2 1384 2 Na₂S₂O₄ M = 174,11 g/mol

assay min. 87%
insoluble in water max. 0,02%
iron (Fe) max. 0,002%
chloride (Cl) max. 0,02%



R: 7-22-31 S: 7/8-26-28-43
disposal: 8

13551 Sodium dithionite (so-called sodium hydrosulphite) purified

A 4.2/6C Sodium dithionite / Sodio ditionito

C 4.2 1384 2 Na₂S₂O₄ M = 174,11 g/mol

assay 88%



R: 7-22-31 S: 7/8-26-28-43
disposal: 8

13429 Sodium dithionite (so-called sodium hydrosulphite) technical

A 4.2/6C Sodium dithionite / Sodio ditionito

C 4.2 1384 2 Na₂S₂O₄ M = 174,11 g/mol

assay 86%



R: 7-22-31 S: 7/8-26-28-43
disposal: 8

62862 Sodium dodecyl sulphate PROSYNTH®

Sodium dodécylsulfate / Sodio dodecilsulfato

C₁₂H₂₅NaO₄S M = 288,38 g/mol

assay (in dried substance) 85%
water 7%

Sodium ethylbarbiturate see Sodium monoethylbarbiturate

Sodium ferrocyanide see Sodium hexacyanoferrate(II)

30105 Sodium fluoride R. G., Reag. ACS, Reag. ISO,

C 8.1 1090 3 Reag. Ph. Eur. I

Sodium fluorure / Sodio fluoruro

NaF M = 41,99 g/mol

assay min. 99%
insoluble in water max. 0,02%
loss on drying (150 °C) max. 0,3%
free acid (as HF) max. 0,1%
free alkali (as Na₂CO₃) max. 0,1%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%
sodium fluorosilicate (Na₂SiF₆) max. 0,1%
sulphate (SO₄) max. 0,01%
sulphite (SO₃) max. 0,005%



R: 23/24/25 S: 1/2-26-44
disposal: 27

01184 Sodium fluoride chem. pure for optical use

C 8.1 1690 3 Sodium fluorure / Sodio fluoruro

NaF M = 41,99 g/mol



R: 23/24/25 S: 1/2-26-44
disposal: 27

BL.
2836

1 kg 28,— 23,80 22,40 2

BL.
BL.
BLT.
2836

500 g 12,75 10,85 10,20
1 kg 23,— 19,55 18,40
50 kg price on request

BL.
BL.
BL.
BLT.
2836

500 g 12,— 10,20 9,60
1 kg 21,75 18,50 17,40
5 kg 81,— 67,25 63,20
50 kg price on request

PF.
2921




1 kg 34,50 28,65 26,90 2

PF.
PF.
PF.
FTP.
2829

250 g 17,— 14,45 13,60
500 g 26,75 22,75 21,40
1 kg 49,50 42,10 39,60
50 kg kg 26,50

PF.
FTP.
2829

250 g 119,— 101,15 95,20
25 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
01148	Sodium fluoride chem. pure, DAC, B. P. 1973, U. S. P. XIX	PF.	500 g	14,25	12,10	11,40	10,95
C 6.1 1690 3	<i>Sodium fluorure / Sodio fluoruro</i>	PF.	1 kg	25,25	21,45	20,20	19,45
	NaF $M = 41,99$ g/mol	S.	50 kg	price on request			
	assay 99%	2829					
	loss on drying (130 °C) 0,2%						
	free acid (as HF) 0,1%						
	free alkali (as NaOH) 0,1%						
	iron (Fe) 0,003%						
	heavy metals (as Pb) 0,002%						
	chloride (Cl) 0,002%						
	sodium fluorosilicate (Na ₂ SiF ₆) 0,1%						
	sulphate (SO ₄) 0,02%						
	 R: 23/24/25 S: 1/2-26-44 disposal: 27						
01249	Sodium fluoride pure powder, B. P. 1973, U. S. P. XIX	PF.	2,5 kg	price on request			
C 6.1 1690 3	<i>Sodium fluorure / Sodio fluoruro</i>	S.	50 kg	price on request			
	NaF $M = 41,99$ g/mol	2829					
	assay 99%						
	loss on drying (130 °C) 0,2%						
	free acid (as HF) 0,1%						
	free alkali (as NaOH) 0,1%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,001%						
	chloride (Cl) 0,005%						
	fluorosilicate (Na ₂ SiF ₆) 0,1%						
	sulphate (SO ₄) 0,1%						
	 R: 23/24/25 S: 1/2-26-44 disposal: 27						
01151	Sodium fluoride technical	PF.	5 kg	54,50	45,25	42,50	40,90
C 6.1 1690 3	<i>Sodium fluorure / Sodio fluoruro</i>	S.	50 kg	price on request			
	NaF $M = 41,99$ g/mol	2829					
	assay 98,5%						
	sodium fluorosilicate (Na ₂ SiF ₆) 0,5%						
	iron (Fe) 0,02%						
	heavy metals (as Pb) 0,005%						
	chloride (Cl) 0,01%						
	sulphate (SO ₄) 0,5%						
	 R: 23/24/25 S: 1/2-26-44 disposal: 27						
01508	Sodium fluoroborate pure	PF.	500 g	26,25	22,30	21,—	20,20
C 6.1 2811 3	<i>Sodium fluoroborate / Sodio fluoroborato</i>	PF.	1 kg	48,25	41,—	38,60	37,15
	NaBF ₄ $M = 109,79$ g/mol	2829					
	assay 97%						
	iron (Fe) 0,003%						
	heavy metals (as Pb) 0,003%						
	chloride (Cl) 0,005%						
	sulphate (SO ₄) 0,03%						
01509	Sodium fluoroborate technical	PF.	5 kg	95,50	79,25	74,50	71,65
C 6.1 2674 3	<i>Sodium fluoroborate / Sodio fluoroborato</i>	S.	50 kg	price on request			
	NaBF ₄ $M = 109,79$ g/mol	2829					
	assay 97%						
	iron (Fe) 0,005%						
	heavy metals (as Pb) 0,005%						
	chloride (Cl) 0,01%						
	sulphate (SO ₄) 0,05%						
10412	di-Sodium fluorophosphate	PF.	100 g	32,—	27,20	25,60	24,—
C 6.1 2811 3	<i>di-Sodium fluorophosphate / di-Sodio fluorofosfato</i>	2829					
	Na ₂ PO ₃ F $M = 143,95$ g/mol						

Code Number
A) RHD-ADH
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes) (18 Boxes)

01417 Sodium fluorosilicate chem. pure
C 6.1 2874 3 Sodium fluorosilicate / Sodio fluorosilicato

Na_2SiF_6 $M = 188,06$ g/mol

assay	99,5 %
iron (Fe)	0,002 %
heavy metals (as Pb)	0,002 %
chloride (Cl)	0,002 %
sulphate (SO_4)	0,01 %



R: 23/24/25 S: 1/2-26-44
disposal: 27

PF.
PF.
S.
2829

1 kg	20,75	17,65	16,60	16
5 kg	78,—	64,75	60,85	58
50 kg	price on request			

01418 Sodium fluorosilicate technical
C 6.1 2874 3 Sodium fluorosilicate / Sodio fluorosilicato

Na_2SiF_6 $M = 188,06$ g/mol

assay	99 %
iron (Fe)	0,005 %
heavy metals (as Pb)	0,005 %
chloride (Cl)	0,05 %
sulphate (SO_4)	0,02 %



R: 23/24/25 S: 1/2-26-44
disposal: 27

PF.
S.
2829

1 kg	10,75	9,15	8,60	8
50 kg	price on request			

32321 Sodium formate R. G.
Sodium formiate / Sodio formiato

HCOONa
 CHNaO_2 $M = 68,01$ g/mol

assay	min. 99 %
insoluble in water	max. 0,005 %
ammonium (NH_4)	max. 0,002 %
calcium (Ca)	max. 0,002 %
iron (Fe)	max. 0,0005 %
heavy metals (as Pb)	max. 0,001 %
chloride (Cl)	max. 0,001 %
sulphate (SO_4)	max. 0,005 %

PF.
PF.
S.
2914

250 g	13,50	11,50	10,80	10
1 kg	34,—	28,90	27,20	26

25210 Sodium formate pure
Sodium formiate / Sodio formiato

Na(HCOO)
 CHNaO_2 $M = 68,01$ g/mol

assay	99,5 %
iron (Fe)	0,001 %
heavy metals (as Pb)	0,001 %
chloride (Cl)	0,005 %
sulphate (SO_4)	0,005 %

PF.
PF.
S.
2914

1 kg	14,50	12,35	11,60	11
5 kg	35,50	29,45	27,70	26
50 kg	price on request			

39026 Sodium-L-glutamate monohydrate BIOSYNTH®
Sodium-L-glutamate monohydraté / Sodio-L-glutamato monohidrato

$\text{NaOOCCH}_2\text{CH}_2\text{CH(NH}_2\text{)COOH} \cdot \text{H}_2\text{O}$
 $\text{C}_5\text{H}_8\text{NNaO}_4 \cdot \text{H}_2\text{O}$ $M = 187,13$ g/mol

PF.
2923

500 g	22,75	19,35	18,20	17
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14846 Sodium hexachloroiridate(IV)-6-hydrate
Sodium hexachloroiridate(IV)-6-hydrate / Sodio hexachloroiridato(IV)-6-hidrato

$\text{Na}_2\text{IrCl}_6 \cdot 6\text{H}_2\text{O}$ $M = 559,01$ g/mol

FL.
2847

1 g	99,50	84,60	79,60	74
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13425 Sodium hexacyanoferrate(II)-10-hydrate chem. pure
Sodium hexacyanoferrate(II)-10-hydrate / Sodio hexacianoferrato(II)-10-hidrato

$\text{Na}_4[\text{Fe(CN)}_6] \cdot 10\text{H}_2\text{O}$ $M = 484,06$ g/mol

assay	98 - 100 %
chloride (Cl)	0,01 %
sulphate (SO_4)	0,005 %

PF.
2843




500 g	22,50	19,15	18,—	17
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13426 Sodium hexacyanoferrate(II)-10-hydrate technical cryst.
Sodium hexacyanoferrate(II)-10-hydrate / Sodio hexacianoferrato(II)-10-hidrato

$\text{Na}_4[\text{Fe(CN)}_6] \cdot 10\text{H}_2\text{O}$ $M = 484,06$ g/mol

PF.
S.
2843

1 kg	21,50	18,30	17,20	16
50 kg	price on request			

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
		(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
Sodium hexafluoroaluminate see Cryolite						
3503 6.1/75 C 6.1 1549 3	Sodium hexahydroxoantimonate(V) <i>Sodium hexahydroxoantimonate(V) / Sodio hexahidroxoantimonato(V)</i> Na[Sb(OH) ₆] M = 246,78 g/mol antimony (Sb) 48,5%	PF. S. 2847	1 kg 50 kg	price on request price on request		
	 R: 20/22 S: 22 disposal: 26					
04267	Sodium hexametaphosphate <i>Sodium hexamétaphosphate / Sodio hexametafosfato</i> (NaPO ₃) _n M = NaPO ₃ 101,96 g/mol assay of P ₂ O ₅ abt. 69%	PF. PF. PF. S. 2840	500 g 1 kg 5 kg 50 kg	10,— 8,50 8,— 7,70 16,25 13,80 13,— 12,50 60,— 49,80 46,80 45,— price on request		
31296 A 5.1/8 C 5.1 1479 2	Sodium hexanitrocobaltate(III) R. G., Reag. ACS <i>Sodium hexanitrocobaltate(III) / Sodio hexanitrocobaltato(III)</i> Na ₃ [Co(NO ₂) ₆] M = 403,94 g/mol insoluble in water max. 0,005% iron (Fe) max. 0,002% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,01% sensibility (for K) passes test	WG. PF. PF. 2848	25 g 100 g 1 kg	16,— 13,60 12,80 12,— 51,— 43,35 40,80 38,25 387,— 328,95 309,60 298,—		
13520	Sodium huminate <i>Sodium huminate / Sodio huminato</i>	PF. S. 3906	2,5 kg 25 kg	28,25 23,45 22,05 21,20 price on request		
62863 A 4.3/2B C 4.3 1427 1	Sodium hydride PROSYNTH® 50% suspension in oil <i>Sodium hydrure / Sodio hidruro</i> NaH M = 24,00 g/mol	WG. 2857	250 g	46,75 39,75 37,40 35,05		
	 R: 15 S: 7/8-24/25-43A disposal: 28					
63741 A 4.3/2B C 4.3 1427 1	Sodium hydride PROSYNTH® 80% suspension in oil <i>Sodium hydrure / Sodio hidruro</i> NaH M = 24,00 g/mol	WG. 2857	250 g	56,— 47,60 44,80 42,—		
	 R: 15 S: 7/8-24/25-43A disposal: 28					
31437	Sodium hydrogen carbonate R. G. powder, Reag. ACS, Reag. Ph. Eur. I <i>Sodium hidrogénocarbonate / Sodio hidrógenocarbonato</i> NaHCO ₃ M = 84,01 g/mol assay min. 99,7% insoluble in water max. 0,015% ammonium (NH ₄) max. 0,0005% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% potassium (K) max. 0,005% magnesium (Mg) max. 0,005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,002% phosphate (PO ₄) max. 0,001% sulphur compounds (as SO ₄) max. 0,003% matters reducing iodine (as SO ₂) max. 0,005%	PF. PF. PF. FTP. 2842	500 g 1 kg 5 kg 50 kg	9,75 8,30 7,80 7,50 14,50 12,35 11,60 11,15 59,— 48,95 46,— 44,25 kg 5,30		

Code Number
A) RID-ADR
B) GGVV/GGVVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 9
(1 Box) (4 Boxes) (10 Boxes)

13433 ○ **Sodium hydrogen carbonate** chem. pure powder, Ph. Eur. I,
B. P. 1973, Ph. Franc. IX
Sodium hydrogénocarbonate / Sodio hidrógenocarbonato

NaHCO_3 $M = 84,01$ g/mol

assay 99,5%
ammonium (NH_4) passes test
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,001%
potassium (K) 0,005%
heavy metals (as Pb) 0,0005%
carbonate (CO_3) passes test
chloride (Cl) 0,01%
sulphate (SO_4) 0,01%

PF. 1 kg 9,75 8,30 7,80 7
PF. 5 kg 28,— 23,25 21,85 21
S. 50 kg kg 1,70
S. 5x kg 1,60
2842

25134 **di-Sodium hydrogen citrate**
di-Sodium hydrogénocitrate / di-Sodio hidrogenocitrato

$\text{C}_6\text{H}_5\text{Na}_2\text{O}_7$ $M = 236,09$ g/mol

PF. 500 g 23,— 19,55 18,40 17
2916

01211 **Sodium hydrogen fluoride** technical centrifuge dried
A 8/15A *Sodium hydrogénofluorure / Sodio hidrógenofluoruro*

C 8 2438 2 NaHF_2 $M = 81,99$ g/mol

assay in dry substance 96%
assay of sodium fluoride (NaF) 4%
loss on drying (85 °C, 2 h) 10—15%



R: 25-34 S: 22-26-37
disposal: 27

PF. 1 kg 13,50 11,50 10,80 10
S. 50 kg price on request
FTP. 50 kg price on request
2829

30427 **di-Sodium hydrogen phosphate** R. G., buffer substance,
Reag. ACS
di-Sodium hydrogénophosphate / di-Sodio hidrógenofosfato

Na_2HPO_4 $M = 141,96$ g/mol

assay min. 99%
insoluble in water max. 0,01%
loss on drying (105 °C, 2 h) max. 0,2%
pH (0,1 M, 20 °C) 9,1—9,2
arsenic (As) max. 0,0001%
iron (Fe) max. 0,0005%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%
sulphate (SO_4) max. 0,005%
total nitrogen (N) max. 0,002%

PF. 250 g 10,50 8,95 8,40 7
PF. 1 kg 27,— 22,95 21,60 20
FTP. 50 kg kg 12,—
2840

04276 **di-Sodium hydrogen phosphate** (abt. 48% P_2O_5)
di-Sodium hydrogénophosphate / di-Sodio hidrógenofosfato

Na_2HPO_4 $M = 141,96$ g/mol

PF. 5 kg 42,75 35,50 33,35 32
S. 50 kg price on request
2840

30412 **di-Sodium hydrogen phosphate-2-hydrate** R. G., buffer
substance
di-Sodium hydrogénophosphate-2-hydrate / di-Sodio hidrógenofosfato-2-hidrato

$\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ $M = 177,99$ g/mol

assay 99,5—100,5%
insoluble in water max. 0,005%
loss on drying (105 °C) 20,0—20,4%
pH (2%, 20 °C) 9,0—9,2
ammonium (NH_4) max. 0,001%
arsenic (As) max. 0,0001%
iron (Fe) max. 0,0005%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%
sulphate (SO_4) max. 0,005%

PF. 500 g 14,75 12,55 11,80 11
PF. 1 kg 25,— 21,25 20,— 19
FTP. 50 kg kg 10,80
FTP. 5x kg 10,—
2840

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	
04272	di-Sodium hydrogen phosphate-2-hydrate chem. pure Ph. Belg. V., Ph. Nord. 1963 <i>di-Sodium hydrogénophosphate-2-hydrate / di-Sodio hidrógenofosfato-2-hidrato</i> $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ $M = 177,99 \text{ g/mol}$ assay 98—101 % loss on drying (120 °C) 19,5—22 % pH (5%, 20 °C) 8,9—9,4 ammonium (NH ₄) 0,001 % arsenic (As) 0,0001 % calcium (Ca) 0,01 % iron (Fe) 0,002 % heavy metals (as Pb) 0,001 % carbonate (CO ₂) 0,5 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,01 %	PF. PF. S. 2840	1 kg 2,5 kg 50 kg	15,— 29,— price on request	12,75 24,05	12,— 22,60	11,55 21,75
30413	di-Sodium hydrogen phosphate-7-hydrate R. G., Reag. ACS <i>di-Sodium hydrogénophosphate-7-hydrate / di-Sodio hidrógenofosfato-7-hidrato</i> $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$ $M = 268,07 \text{ g/mol}$ assay 99—101 % insoluble in water max. 0,005 % pH (5%, 20 °C) 9,0—9,3 arsenic (As) max. 0,0001 % iron (Fe) max. 0,0005 % potassium (K) max. 0,01 % heavy metals (as Pb) max. 0,0005 % chloride (Cl) max. 0,001 % sulphate (SO ₄) max. 0,005 % total nitrogen (N) max. 0,001 %	PF. PF. PF. 2840	250 g 500 g 1 kg	10,— 13,75 25,25	8,50 11,70 21,45	8,— 11,— 20,20	7,50 10,60 19,45
04274	di-Sodium hydrogen phosphate-7-hydrate chem. pure Erg. B. 6, U. S. P. XIX <i>di-Sodium hydrogénophosphate-7-hydrate / di-Sodio hidrógenofosfato-7-hidrato</i> $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$ $M = 268,07 \text{ g/mol}$ assay 98—102 % loss on drying (120 °C) 46,0—49,5 % arsenic (As) 0,0005 % iron (Fe) 0,002 % potassium (K) 0,2 % heavy metals (as Pb) 0,0005 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,02 %	PF. S. 2840	1 kg 50 kg	15,75 price on request	13,40	12,60	12,15
30414	di-Sodium hydrogen phosphate-12-hydrate R. G., Reag. ISO, Reag. Ph. Eur. I <i>di-Sodium hydrogénophosphate-12-hydrate / di-Sodio hidrógenofosfato-12-hidrato</i> $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$ $M = 358,14 \text{ g/mol}$ assay 99—101 % insoluble in water max. 0,005 % pH (5%, 20 °C) 9,0—9,3 ammonium (NH ₄) max. 0,001 % arsenic (As) max. 0,0001 % iron (Fe) max. 0,0005 % potassium (K) max. 0,005 % heavy metals (as Pb) max. 0,0005 % chloride (Cl) max. 0,0005 % sulphate (SO ₄) max. 0,005 % total nitrogen (N) max. 0,001 %	PF. PF. PF. FTP. 2840	500 g 1 kg 2,5 kg 50 kg	11,— 17,25 37,— kg 9,85	9,35 14,65 30,70	8,80 13,80 28,85	8,45 13,30 27,75

Code Number
A) R.D. AGH
B) R.D. AGH
C) R.D. AGH (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(64 Boxes)

04273 **d/ Sodium hydrogen phosphate-12-hydrate** (19-20% P_2O_5)
chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX
*di-Sodium hydrogénophosphate-12-hydrate / di-Sodio
hidrógenofosfato-12-hidrato*

$Na_2HPO_4 \cdot 12H_2O$ $M = 358,14$ g/mol

assay of Na_2HPO_4 99,5%
(in dried substance) 59%
loss on drying (130 °C) 9,0-9,2
pH (5%, 20 °C) 0,0001%
arsenic (As) 0,001%
iron (Fe) 0,01%
potassium (K) 0,0005%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,01%
sulphate (SO_4) 0,01%

PF.
PF.
S.
2840

1 kg 12,75 10,85 10,20 9,
2,5 kg 24,25 20,15 18,90 18,
50 kg price on request

13437 **Sodium hydrogen sulphate technical granular**
Sodium hydrogénosulfate / Sodio hidrógenosulfato

$NaHSO_4$ $M = 120,06$ g/mol

assay 95%
assay of Na_2SO_4 4%

PF.
S.
2838

5 kg 25,75 21,35 20,10 19,
50 kg price on request

31438 **Sodium hydrogen sulphate-1-hydrate R. G.**
A 8/13 *Sodium hydrogénosulfate-1-hydrate / Sodio
hidrógenosulfato-1-hidrato*

$NaHSO_4 \cdot H_2O$ $M = 138,08$ g/mol

assay min. 99%
insoluble in water max. 0,002%
aluminium (Al) max. 0,002%
arsenic (As) max. 0,00005%
calcium (Ca) max. 0,001%
iron (Fe) max. 0,0005%
potassium (K) max. 0,01%
magnesium (Mg) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,001%
phosphate (PO_4) max. 0,0005%
total nitrogen (N) max. 0,001%

PF.
PF.
2838

500 g 13,75 11,70 11,— 10,
1 kg 21,75 18,50 17,40 16,

13434 **Sodium hydrogen sulphate-1-hydrate pure cryst.**
A 8/13 *Sodium hydrogénosulfate-1-hydrate / Sodio
hidrógenosulfato-1-hidrato*

$NaHSO_4 \cdot H_2O$ $M = 138,08$ g/mol

assay 98%
iron (Fe) 0,005%
heavy metals (as Pb) 0,005%
chloride (Cl) 0,001%

PF.
PF.
S.
2838

1 kg 16,75 14,25 13,40 12,
5 kg 62,50 51,90 48,75 46,
50 kg price on request

Sodium hydrosulphite see Sodium dithionite

30620 **Sodium hydroxide R. G., pellets, Reag. ACS, Reag. Ph. Eur. I**
A 8/31A *Soude caustique / Sosa cáustica*






C 8 1823 2 $NaOH$ $M = 40,00$ g/mol

assay min. 99%
assay of Na_2CO_3 max. 1%
aluminium (Al) max. 0,0005%
calcium (Ca) max. 0,0005%
iron (Fe) max. 0,0005%
potassium (K) max. 0,02%
nickel (Ni) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
ammonium hydroxide-precipitate max. 0,02%
chloride (Cl) max. 0,0005%
phosphate (PO_4) max. 0,0005%
silicate (SiO_2) max. 0,001%
sulphate (SO_4) max. 0,0005%
total nitrogen (N) max. 0,0003%

PF.
PF.
PF.
FTP.
FTP.
2817

500 g 10,— 8,50 8,— 7,
1 kg 14,75 12,55 11,80 11,
5 kg 57,50 47,75 44,85 43,
50 kg kg 6,25
5x kg 5,70



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
30615	Sodium hydroxide R. G., pellets (max. 0,0002 % K)	PF.	250 g	16,50	14,05	13,20	12,40
A 8/31A	<i>Soude caustique / Sosa cáustica</i>	PF.	1 kg	46,50	39,55	37,20	35,80
C 8 1823 2	NaOH $M = 40,00$ g/mol	PF.	5 kg	204,—	169,30	159,10	153,—
	assay min. 99%	2817					
	assay of Na_2CO_3 max. 1 %						
	aluminium (Al) max. 0,0002 %						
	lead (Pb) max. 0,00001 %						
	cadmium (Cd) max. 0,00001 %						
	calcium (Ca) max. 0,0005 %						
	iron (Fe) max. 0,0005 %						
	copper (Cu) max. 0,00005 %						
	manganese (Mn) max. 0,00005 %						
	potassium (K) max. 0,0002 %						
	nickel (Ni) max. 0,0001 %						
	zinc (Zn) max. 0,00001 %						
	chloride (Cl) max. 0,0005 %						
	phosphate (PO_4) max. 0,0001 %						
	silicate (SiO_2) max. 0,0005 %						
	sulphate (SO_4) max. 0,0005 %						
	total nitrogen (N) max. 0,0003 %						
	 R: 35 S: 2-26-37/39 disposal: 3						
17859	Sodium hydroxide PURANAL®, pellets	PF.	5 kg	price on request			
A 8/31A	<i>Soude caustique / Sosa cáustica</i>	FTP.	50 kg	price on request			
C 8 1823 2	NaOH $M = 40,00$ g/mol	2817					
	analytical data on request						
	 R: 35 S: 2-26-37/39 disposal: 3						
06203	Sodium hydroxide chem. pure pellets DAB 7, B. P. 1973	PF.	1 kg	13,75	11,70	11,—	10,60
A 8/31A	<i>Soude caustique / Sosa cáustica</i>	PF.	5 kg	50,50	41,90	39,40	37,90
C 8 1823 2	NaOH $M = 40,00$ g/mol	FTP.	50 kg	kg	5,15		
	assay 98 %	FTP.	5x	kg	4,75		
	assay of sodium carbonate (Na_2CO_3) 1,5 %	2817					
	aluminium (Al) 0,001 %						
	arsenic (As) 0,0005 %						
	iron (Fe) 0,001 %						
	potassium (K) 0,01 %						
	heavy metals (as Pb) 0,0005 %						
	chloride (Cl) 0,002 %						
	phosphate (PO_4) 0,001 %						
	silicate (SiO_2) 0,01 %						
	sulphate (SO_4) 0,003 %						
	total nitrogen (N) 0,0005 %						
	 R: 35 S: 2-26-37/39 disposal: 3						
06213	Sodium hydroxide purified white pellets	PF.	1 kg	13,50	11,50	10,80	10,40
A 8/31A	<i>Soude caustique / Sosa cáustica</i>	PF.	5 kg	48,—	39,85	37,45	36,—
C 8 1823 2	NaOH $M = 40,00$ g/mol	FTP.	50 kg	kg	4,50		
	assay 98 %	FTP.	5x	kg	4,15		
	assay of sodium carbonate (Na_2CO_3) 1,5 %	2817					
	iron (Fe) 0,002 %						
	heavy metals (as Pb) 0,001 %						
	chloride (Cl) 0,002 %						
	sulphate (SO_4) 0,005 %						
	 R: 35 S: 2-26-37/39 disposal: 3						
06208	Sodium hydroxide (max. 0,001 % Cl) pellets for the manufacture of mirrors	PF.	1 kg	14,—	11,90	11,20	10,80
A 8/31A	<i>Soude caustique / Sosa cáustica</i>	PF.	5 kg	52,50	43,60	40,95	39,40
C 8 1823 2	NaOH $M = 40,00$ g/mol	2817					
	 R: 35 S: 2-26-37/39 disposal: 3						

Code-Number
A) R. 10 ACR
B) R. 10 ACR
C) R. 10 ACR (GGV 3ew)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9
(16 E)

06301 Sodium hydroxide technical scales Soude caustique / Sosa cáustica

A 8/31A

C 8 1823 2

NaOH $M = 40,00 \text{ g/mol}$

assay	98 %
iron (Fe)	0,001 %
heavy metals (as Pb)	0,001 %
chloride (Cl)	0,02 %
sulphate (SO ₄)	0,03 %



R: 35 S: 2-26-37/39
disposal: 3

PF.
S.
2817

5 kg	36,—	29,90	28,10	27,—
50 kg	kg	1,75		

30531 Sodium hydroxide solution 32% R. G., for the determination of nitrogen (max. 0,0005% N) Soude lessive / Sosa cáustica líquida

A 8/32

C 8 1824 2

NaOH $M = 40,00 \text{ g/mol}$ 1 L $\approx 1,35 \text{ kg}$

assay	min. 32 %
assay of Na ₂ CO ₃	max. 0,5 %
aluminium (Al)	max. 0,0005 %
iron (Fe)	max. 0,0005 %
heavy metals (as Pb)	max. 0,0005 %
chloride (Cl)	max. 0,002 %
phosphate (PO ₄)	max. 0,0005 %
silicate (SiO ₂)	max. 0,003 %
sulphate (SO ₄)	max. 0,001 %
total nitrogen (N)	max. 0,0005 %



R: 35 S: 2-26-27-37/39
disposal: 3

PF.
PF.
FPF.
FPF.
2817

1 L	15,—	12,75	12,—	11,—
2,5 L	31,25	25,95	24,40	23,—
35 kg	kg	3,50		
5x	kg	3,30		

05211 Sodium hydroxide solution Soude lessive / Sosa cáustica líquida

A 8/32

C 8 1824 2

NaOH $M = 40,00 \text{ g/mol}$ 1 L $\approx 1,35 \text{ kg}$

assay	32 %
iron (Fe)	0,002 %
heavy metals (as Pb)	0,001 %
chloride (Cl)	0,005 %
sulphate (SO ₄)	0,005 %



R: 35 S: 2-26-27-37/39
disposal: 3

PF.
FPF.
FPF.
FPF.
FPF.
FPF.
2817

2,5 L	21,50	17,85	16,75	16,—
35 kg	kg	2,35		
5x	kg	2,20		
10x	kg	2,05		
20x	kg	1,90		
40x	kg	1,85		

38227 0,01 mol Sodium hydroxide solution FIXANAL® 0,400 g NaOH for 1 L 0,01 N solution 0,01 mol Soude lessive / 0,01 mol Sosa cáustica líquida ampoule



R: 36/38 S: 2-26
disposal: 3

3819

1 pack	8,75	7,45	7,—	6,—
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38226 0,025 mol Sodium hydroxide solution FIXANAL® 1,000 g NaOH for 1 L 0,025 N solution 0,025 mol Soude lessive / 0,025 mol Sosa cáustica líquida ampoule



R: 36/38 S: 2-26
disposal: 3

3819

1 pack	11,50	9,80	9,20	8,—
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38222 1/20 mol Sodium hydroxide solution FIXANAL® 1,428 g NaOH for 1 L 1/20 N solution 1/20 mol Soude lessive / 1/20 mol Sosa cáustica líquida ampoule



R: 36/38 S: 2-26
disposal: 3

3819

1 pack	16,25	13,80	13,—	12,—
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




38218 1/6.785 mol Sodium hydroxide solution FIXANAL® for determination of phosphorus in iron (1 ml \approx 0,01% phosphorus in 2 grammes of substance) 5,930 g NaOH for 1 L 1/6.785 N solution; for iron-works laboratories 1/6.785 mol Soude lessive / 1/6.785 mol Sosa cáustica líquida ampoule



R: 35 S: 2-26-27-37/39
disposal: 3

3819

1 pack	8,75	7,45	7,—	6,—
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de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
210 3/32 3 1824 2	0,1 mol Sodium hydroxide solution FIXANAL® 4,000 g NaOH for 1 L 0,1 N solution 0,1 mol Soude lessive / 0,1 mol Sosa cáustica líquida ampoule	3819	1 pack	8,75	7,45	7,—	6,55
	 R: 35 S: 2-26-27-37/39 disposal: 3						
224 3/32 3 1824 2	0,2 mol Sodium hydroxide solution FIXANAL® 7,999 g NaOH for 1 L 0,2 N solution 0,2 mol Soude lessive / 0,2 mol Sosa cáustica líquida ampoule	3819	1 pack	11,50	9,80	9,20	8,65
	 R: 35 S: 2-26-27-37/39 disposal: 3						
223 3/32 3 1824 2	0,25 mol Sodium hydroxide solution FIXANAL® 9,999 NaOH for 1 L 0,25 N solution 0,25 mol Soude lessive / 0,25 mol Sosa cáustica líquida bottle	3819	1 pack	10,25	8,70	8,20	7,70
	 R: 35 S: 2-26-27-37/39 disposal: 3						
217 3/32 3 1824 2	0,5 mol Sodium hydroxide solution FIXANAL® 19,999 g NaOH for 1 L 0,5 N solution 0,5 mol Soude lessive / 0,5 mol Sosa cáustica líquida bottle	3819	1 pack	10,25	8,70	8,20	7,70
	 R: 35 S: 2-26-27-37/39 disposal: 3						
215 3/32 3 1824 2	1 mol Sodium hydroxide solution FIXANAL® 39,997 g NaOH for 1 L 1 N solution 1 mol Soude lessive / 1 mol Sosa cáustica líquida bottle	3819	1 pack	11,25	9,55	9,—	8,45
	 R: 35 S: 2-26-27-37/39 disposal: 3						
212 3/32 3 1824 2	2 mol Sodium hydroxide solution FIXANAL® 79,994 g NaOH $\hat{=}$ 2 equivalents 2 mol Soude lessive / 2 mol Sosa cáustica líquida ampoule	3819	1 pack	19,50	16,60	15,60	14,65
	 R: 35 S: 2-26-27-37/39 disposal: 3						
214 3/32 3 1824 2	10 mol Sodium hydroxide solution FIXANAL® 399,97 g NaOH $\hat{=}$ 10 equivalents 10 mol Soude lessive / 10 mol Sosa cáustica líquida bottle	3819	1 pack	43,—	36,55	34,40	32,25
	 R: 35 S: 2-26-27-37/39 disposal: 3						
263	Sodium hydroxide solution 0,1 mol/l 0,1 N volumetric solution Ph. Eur. I Soude lessive 0,1 mol/l / Sosa cáustica líquida 0,1 mol/l 1 L \approx 1,00 kg	PF. PK. 3819	1 L 5 L	12,— 46,25	10,20 38,40	9,35 36,10	8,90 34,70
261	Sodium hydroxide solution 0,2 mol/l 0,2 N volumetric solution Soude lessive 0,2 mol/l / Sosa cáustica líquida 0,2 mol/l 1 L \approx 1,01 kg	PF. 3819	1 L	12,75	10,85	10,20	9,80
260	Sodium hydroxide solution 0,25 mol/l 0,25 N volumetric solution Soude lessive 0,25 mol/l / Sosa cáustica líquida 0,25 mol/l 1 L \approx 1,01 kg	PF. 3819	1 L	12,75	10,85	10,20	9,80

Code Number
A. Riedel
B. Riedel
C. Riedel

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9x
(16 Boxes)

35257 Sodium hydroxide solution 0,5 mol/l 0,5 N volumetric solution
Soude lessive 0,5 mol/l / Sosa cáustica líquida 0,5 mol/l
1 L ≈ 1,02 kg



R: 36/38 S: 2-26
disposal: 3

35256 Sodium hydroxide solution 1 mol/l 1 N volumetric solution
Ph. Eur. I
Soude lessive 1 mol/l / Sosa cáustica líquida 1 mol/l
1 L ≈ 1,04 kg



R: 36/38 S: 2-26
disposal: 3

35254 Sodium hydroxide solution 2 mol/l 2 N volumetric solution
A 8/32 *Soude lessive 2 mol/l / Sosa cáustica líquida 2 mol/l*
C 8 1824 2 1 L ≈ 1,08 kg



R: 36/38 S: 2-26
disposal: 3

09029 Sodium hydroxide-d solution (30% in D₂O) deuteration
A 8/32 degree not less than 99,5 atom% D
C 8 1824 2 *Soude lessive-d / Sosa cáustica líquida-d*
NaOD M = 40,99 g/mol 1 L ≈ 1,56 kg

Sodium hypodisulphite see Sodium dithionite

04434 Sodium hypophosphite chem. pure B. P. C. 1963
Sodium hypophosphite / Sodio hipofosfito
NaPH₂O₂ M = 87,98 g/mol

assay 98%
loss on drying (105 °C, 2 h) 1%
free alkali (as CaO) 0,2%
arsenic (As) 0,0002%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,02%
phosphate (PO₄) passes test
sulphate (SO₄) 0,02%

30410 Sodium hypophosphite-1-hydrate R. G., Reag. Ph. Eur. I
Sodium hypophosphite-1-hydrate / Sodio hipofosfito-1-hidrato

NaPH₂O₂ · H₂O M = 105,99 g/mol

assay 99–103%
insoluble in water max. 0,01%
pH (5%, 20 °C) 6–8
ammonium (NH₄) max. 0,001%
arsenic (As) max. 0,0001%
barium (Ba) max. 0,005%
calcium (Ca) max. 0,05%
iron (Fe) max. 0,0005%
magnesium (Mg) max. 0,005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,005%
phosphate and phosphite (as PO₄) max. 0,5%
sulphate (SO₄) max. 0,01%

17816 Sodium hypophosphite-1-hydrate PURANAL®
Sodium hypophosphite-1-hydrate / Sodio hipofosfito-1-hidrato

NaPH₂O₂ · H₂O M = 105,99 g/mol

analytical data on request

PF.
3819

1 L 12,— 10,20 9,60

PF.
PK.
3819

1 L 12,50 10,65 9,75
5 L 46,— 38,20 35,90

PF.
3819

1 L 13,75 11,70 11,—

FL.
2851

25 ml price on request

PF.
PF.
FTP.
2840


500 g 29,50 25,10 23,60
1 kg 54,50 46,35 43,60
50 kg price on request

PF.
PF.
PF.
FTP.
2840

250 g 20,— 17,— 16,—
1 kg 59,— 50,15 47,20
5 kg 248,— 205,85 193,45
50 kg kg 42,—

PF.
FTP.
2840

5 kg price on request
50 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
04415	Sodium hypophosphite-1-hydrate chem. pure DAC, N. F. X <i>Sodium hypophosphite-1-hydrate / Sodio hipofosfito-1-hidrato</i> NaPH ₂ O ₂ · H ₂ O M = 105,99 g/mol assay 99% water (according to Karl Fischer) 13—19% alkalinely or acidly reacting impurities passes test arsenic (As) 0,0005% calcium (Ca) 0,005% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,02% phosphate and phosphite (as PO ₄) passes test sulphate (SO ₄) 0,02%	PF. PF. PF. FTP. 2840	500 g 1 kg 5 kg 50 kg	25,75 48,— 197,— price on request	21,90 40,80 163,50	20,60 38,40 153,65	19,85 36,95 147,75
Sodium hyposulphite see Sodium thiosulphate							
03128	Sodium iodate <i>Sodium iodate / Sodio yodato</i> NaJO ₃ M = 197,89 g/mol assay 99,8% iron (Fe) 0,001% heavy metals (as Pb) 0,002% chlorate (ClO ₃) 0,05% sulphate (SO ₄) 0,05%	WG. WG. 2832	100 g 1 kg	20,— 151,—	17,— 128,35	16,— 120,80	15,— 116,25
56051	Sodium iodide (thallium activated) for scintillation <i>Sodium iodure / Sodio yoduro</i> A 6.1/54 C 6.1 1707 2  R: 20/21/22 S: 28 disposal: 10	WG. WG. 3207	100 g 1 kg	price on request price on request			
03130	Sodium iodide chem. pure for optical use <i>Sodium iodure / Sodio yoduro</i> NaJ M = 149,89 g/mol	PF. PF. FTP. 2830	100 g 500 g 50 kg	13,75 56,50 price on request	11,70 48,05	11,— 45,20	10,30 43,50
03129	Sodium iodide chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Sodium iodure / Sodio yoduro</i> NaJ M = 149,89 g/mol assay (ex dried substance) 99,8% loss on drying (105 °C) 1% free alkali (as NaOH) 0,01% barium (Ba) passes test iron (Fe) 0,0005% potassium (K) 0,01% heavy metals (as Pb) 0,0005% chloride and bromide (as Cl) 0,03% iodate (IO ₃) 0,0002% sulphate (SO ₄) 0,01% thiosulphate (S ₂ O ₃) 0,005%	PF. PF. FTP. 2830	500 g 1 kg 50 kg	43,75 80,— price on request	37,20 68,—	35,— 64,—	33,70 61,60
25124	Sodium iron(III) citrate about 34% Fe <i>Sodium-fer(III) citrate / Sodio e hierro(III) citrato</i>	PF. 2916	1 kg	34,50	29,35	27,60	26,55
25127	Sodium iron(III) citrate 18% Fe <i>Sodium-fer(III) citrate / Sodio e hierro(III) citrato</i> assay of Fe 17,1—18,9% assay of C ₆ H ₈ O ₇ 66—73%	PF. 2916	1 kg	33,25	28,25	26,60	25,60
25309	Sodium lactate solution 50%, DAB 8 <i>Sodium lactate en solution / Sodio lactato en solución</i> CH ₃ CHOHCOONa C ₃ H ₅ NaO ₃ M = 112,06 g/mol 1 L ≈ 1,28 kg assay 49—51% pH (1+4 diluted) 5—7 calcium (Ca) 0,005% iron (Fe) 0,0005% heavy metals (as Pb) 0,0002% chloride (Cl) 0,002% sulphate (SO ₄) 0,005% reducing substances passes test	FL. FL. FPF. 2916	1 L 2,5 L 35 kg	29,50 64,50 price on request	25,10 53,55	23,60 50,30	22,70 48,40

Code Number
A) Riedel-de Haën
B) C.I. 1000000000
C) I.M.D. CODE (GGV-Sew)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

Sodium lauryl sulphate see Sodium dodecyl sulphate
Sodium metaarsenite see 0,1 N Sodium meta-arsenite
Sodium metabisulphite see Sodium disulphite
Sodium metaperiodate see Sodium tetroxiodate(VII)
Sodium metaphosphate see Sodium hexametaphosphate
Sodium metavanadate see Sodium meta-vanadate

62864 Sodium methylate PROSYNTH®
A - Sodium méthylate / Sodio metilato
B 4.1/12A CH₃ONa
C 4.3 1431 1 CH₃NaO M = 54,02 g/mol
+11°C assay (acidimetric) 98%



R: 11-14-34 S: 8-16-26-43
disposal: 28

13546 Sodium methylate solution abt. 30% in methanol
A 3/5 Sodium méthylate en solution / Sodio metilato en solución
C 3.2 1289 2 NaOCH₃ M = 54,02 g/mol 1 L ≈ 0,98 kg
+11°C



R: 11-23/25 S: 2-7-16-24
disposal: 28

Sodium metoxide see Sodium methylate

31439 Sodium molybdate-2-hydrate R. G. Reag. Ph. Eur I
Sodium molybdate-2-hydrate / Sodio molibdato-2-hidrato
Na₂MoO₄ · 2H₂O M = 241,95 g/mol
assay min. 99,5%
ammonium (NH₄) max. 0,001%
lead (Pb) max. 0,001%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,005%
phosphate (PO₄) max. 0,001%
sulphate (SO₄) max. 0,005%

13315 Sodium molybdate-2-hydrate chem. pure cryst.
Sodium molybdate-2-hydrate / Sodio molibdato-2-hidrato
Na₂MoO₄ · 2H₂O M = 241,95 g/mol
insoluble in water 0,01%
ammonium (NH₄) 0,01%
iron (Fe) 0,001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,005%
phosphate (PO₄) 0,001%
sulphate (SO₄) 0,05%

13316 Sodium molybdate-2-hydrate technical cryst.
Sodium molybdate-2-hydrate / Sodio molibdato-2-hidrato
Na₂MoO₄ · 2H₂O M = 241,95 g/mol
assay 99,5%

20129 Sodium monoethylbarbiturate
Sodium monoéthylbarbiturate / Sodio monoetilbarbiturato
(C₂H₅)HCCON = C(ONa)NHCO
C₈H₇N₂NaO₃ M = 178,12 g/mol

Sodium monohydrogen phosphate according to Sörensen
see di-Sodium hydrogen phosphate-2-hydrate

13504 Sodium naphthalenesulphonate-(1) fine powder
Sodium naphtalènesulfonate-(1) / Sodio
naftalenosulfonato-(1)
C₁₀H₇NaO₃S M = 230,22 g/mol

BL.
2945

1 kg 34,50 29,35 27,60 26

FL.
FL.
EKL.
2945

1 L 14,75 12,55 11,80 11
2,5 L 31,25 25,95 24,40 23
25 kg price on request

PF.
PF.
PF.
2847

100 g price on request
250 g price on request
1 kg price on request

PF.
PF.
2847

1 kg price on request
2,5 kg price on request

PF.
S.
2847

1 kg price on request
50 kg price on request

2925

PF.
PF.
S.
2903

500 g 59,— 50,15 47,20 45
1 kg 27,25 23,15 21,80 21
45 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
13507	Sodium naphthalenesulphonate-(2) <i>Sodium naphthalènesulfonate-(2) / Sodio naftalenosulfonato-(2)</i> $C_{10}H_7NaO_3S$ $M = 230,22$ g/mol	PF. S. 2903	1 kg 50 kg	22,— price on request	18,70	17,60	16,95
33429	Sodium naphthoquinone-(1,2)-sulphonate-(4) R. G., reagent for amino acids according to Folin <i>Sodium naphthoquinone-(1,2)-sulfonate-(4) / Sodio naftoquinon-(1,2)-sulfonato-(4)</i> $C_6H_4COCOCH=CSO_3Na$ $C_{10}H_5NaO_5S$ $M = 260,20$ g/mol assay min. 99% loss on drying (105 °C) max. 1% sulphate (SO ₄) max. 0,05% total nitrogen (N) max. 0,005% suitability for detection of amino acids passes test	PF. 2913	25 g	82,50	70,15	66,—	61,90
39115	Sodium naphthyl-1-phosphate BIOSYNTH® <i>Sodium naphthyle-1-phosphate / Sodio naftilo-1-fosfato</i> $C_{10}H_7OPO_3HNa$ $C_{10}H_8NaO_4P$ $M = 246,13$ g/mol	WG. 2919	5 g	22,25	18,90	17,80	16,70
31440	Sodium nitrate R. G., Reag. ACS, Reag. ISO <i>Sodium nitrate / Sodio nitrato</i> $NaNO_3$ $M = 84,99$ g/mol assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 5,5—8,0 ammonium (NH ₄) max. 0,002% calcium (Ca) max. 0,002% iron (Fe) max. 0,0002% potassium (K) max. 0,005% magnesium (Mg) max. 0,001% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% iodate (IO ₃) max. 0,0005% nitrite (NO ₂) max. 0,001% phosphate (PO ₄) max. 0,0002% sulphate (SO ₄) max. 0,003%	PF. PF. FTP. 2839	500 g 1 kg 50 kg	11,25 19,25 kg 9,80	9,55 16,35	9,— 15,40	8,65 14,80
13444	Sodium nitrate chem. pure cryst. <i>Sodium nitrate / Sodio nitrato</i> $NaNO_3$ $M = 84,99$ g/mol assay 99% pH (5%, 20 °C) 5—7 calcium (Ca) 0,005% iron (Fe) 0,001% potassium (K) 0,05% magnesium (Mg) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,002% sulphate (SO ₄) 0,01%	PF. PF. S. 2839	1 kg 5 kg 50 kg	11,75 44,— price on request	10,— 36,50	9,40 34,30	9,05 33,—
13446	Sodium nitrate technical cryst. <i>Sodium nitrate / Sodio nitrato</i> $NaNO_3$ $M = 84,99$ g/mol assay 97%	PF. S. 2839	5 kg 50 kg	23,50 price on request	19,50	18,35	17,65
31443	Sodium nitrite R. G., cryst., Reag. ACS, Reag. Ph. Eur. I <i>Sodium nitrite / Sodio nitrito</i> $NaNO_2$ $M = 69,00$ g/mol assay min. 99% insoluble in water max. 0,005% calcium (Ca) max. 0,002% iron (Fe) max. 0,001% potassium (K) max. 0,005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% sulphate (SO ₄) max. 0,005%	PF. PF. PF. 2839	250 g 500 g 1 kg	10,25 14,25 25,75	8,70 12,10 21,90	8,20 11,40 20,60	7,70 10,95 19,85



R: 8-25 S: 44
disposal: 16

Code-Number
A) RDA/ADA
B) CDE/CEVS
C) MDG-CODE /GGVSee/

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes) (18 Boxes)

13447 O Sodium nitrite chem. pure cryst. DAB 8, B. P. C. 1973,

A 5.1/8 U. S. P. XIX
C 5.1 1500 2 Sodium nitrite / Sodio nitrito

NaNO_2 $M = 69,00$ g/mol
assay 99,5%
loss on drying (in vacuum) 0,2%
arsenic (As) 0,0001%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,005%
sulphate (SO_4) 0,01%



R: 8-25 S: 44
disposal: 16

PF.
PF.
S.
2839

1 kg 13,— 11,05 10,40 10,—
5 kg 44,50 36,95 34,70 3,—
50 kg price on request

13450 Sodium nitrite technical
A 5.1/8 Sodium nitrite / Sodio nitrito

C 5.1 1500 2 NaNO_2 $M = 69,00$ g/mol
assay 98%
heavy metals (as Pb) 0,005%
chloride (Cl) 0,02%
sulphate (SO_4) 0,05%



R: 8-25 S: 44
disposal: 16

PF.
S.
2839

5 kg 25,75 21,35 20,10 19,—
50 kg price on request

Sodium nitrite solution see Ehrlich's diazo reagent,
solution A + B

27771 Sodium-3-nitrobenzenesulphonate
Sodium 3-nitrobenzenesulfonate / Sodio
3-nitrobenzenosulfonato

$\text{C}_6\text{H}_4(\text{NO}_2)\text{SO}_3\text{Na}$
 $\text{C}_6\text{H}_4\text{NNaO}_5\text{S}$ $M = 225,16$ g/mol

PF.
S.
2903

1 kg 26,25 22,30 21,— 20,—
35 kg price on request

31444 Sodium nitroprusside R. G., Reag. ACS, Reag. Ph. Eur. I

A 6.1/31A Sodium nitroprussiate / Sodio nitroprusiato

C 6.1 2811 2 $\text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}] \cdot 2\text{H}_2\text{O}$ $M = 297,95$ g/mol
assay min. 99%
chloride (Cl) max. 0,01%
hexacyanoferrate(II) ($[\text{Fe}(\text{CN})_6]^{-4}$) max. 0,02%
hexacyanoferrate(III) ($[\text{Fe}(\text{CN})_6]^{-3}$) max. 0,01%
sulphate (SO_4) max. 0,01%



R: 23/24/25 S: 44
disposal: 10

PF.
PF.
2843

50 g 11,50 9,80 9,20 8,—
100 g 20,25 17,20 16,20 15,—

13451 Sodium nitroprusside
A 6.1/31A Sodium nitroprussiate / Sodio nitroprusiato

C 6.1 2811 2 $\text{Na}_2[\text{Fe}(\text{CN})_5\text{NO}] \cdot 2\text{H}_2\text{O}$ $M = 297,95$ g/mol



R: 23/24/25 S: 44
disposal: 10

PF.
PF.
PF.
2843

100 g 17,— 14,45 13,60 12,—
500 g 63,— 53,55 50,40 48,—
1 kg 116,— 98,60 92,80 89,—

Sodium nitrosopentacyanoferrate(III) see Sodium
nitroprusside

26125 Sodium oleate pure powder
Sodium oléate / Sodio oleato

assay of oleic acid 90%
free alkali (as NaOH) 0,5%
heavy metals (as Pb) 0,005%
chloride (Cl) 0,2%

PF.
S.
2914

1 kg 27,75 23,60 22,20 21,—
25 kg price on request

Code-Number
RID/ADR
GGVE/GGVS
IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)

32322 **Sodium oxalate R. G.**
C 6.1 2449 3 *Sodium oxalate / Sodio oxalato*
NaOCCCOONa
C₂Na₂O₄ M = 134,00 g/mol

assay min. 99,5%
pH (2,5%, 20 °C) 7,0—8,5
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,05%
iron (Fe) max. 0,0005%
potassium (K) max. 0,01%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,002%
sulphate (SO₄) max. 0,01%
total nitrogen (N) max. 0,0005%



R: 21/22 S: 2-24/25
disposal: 8

PF. 250 g 21,— 17,85 16,80 15,75
PF. 500 g 38,75 32,95 31,— 29,85
PF. 1 kg 68,— 57,80 54,40 52,35
2915

25422 **Sodium oxalate chem. pure**
C 6.1 2449 3 *Sodium oxalate / Sodio oxalato*
NaOCCCOONa
C₂Na₂O₄ M = 134,00 g/mol

assay 99,5%
pH (2,5%, 20 °C) 6,5—8,5
iron (Fe) 0,001%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,005%
sulphate (SO₄) 0,02%



R: 21/22 S: 2-24/25
disposal: 8

PF. 500 g 23,50 20,— 18,80 18,10
PF. 1 kg 43,25 36,75 34,60 33,30
S. 25 kg price on request
2915

25423 **Sodium oxalate purified**
C 6.1 2449 3 *Sodium oxalate / Sodio oxalato*
NaOCCCOONa
C₂Na₂O₄ M = 134,00 g/mol

assay 99%
pH (2,5%, 20 °C) 6,5—8,5
iron (Fe) 0,005%
heavy metals (as Pb) 0,005%
chloride (Cl) 0,01%
sulphate (SO₄) 0,05%



R: 21/22 S: 2-24/25
disposal: 8

PF. 5 kg 94,50 78,45 73,70 70,90
S. 50 kg price on request
2915

62865 **Sodium pentachlorophenolate PROSYNTH®**
A 6.1/13C *Sodium pentachlorophénolate / Sodio pentaclorofenolato*
C 6.1 2567 2 C₆Cl₅ONa
C₆Cl₅NaO M = 288,32 g/mol

assay (ex Cl, on anhydrous substance) 98%



R: 23/24/25 S: 28-36/39-44
disposal: 10

PF. 1 kg 29,50 25,10 23,60 22,70
2907

11621 **Sodium perborate pure**
C 5.1 1480 2 *Sodium perborate / Sodio perborato*
NaBO₂ · H₂O₂ · 3H₂O M = 153,86 g/mol

assay 98%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,01%
sulphate (SO₄) 0,05%

PF. 1 kg 11,50 9,80 9,20 8,85
PF. 2,5 kg 24,— 19,90 18,70 18,—
S. 50 kg price on request
2846

Code Number
A) RIDADR
B) GHS/CLP
C) MOG CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

13455 Sodium perchlorate pure
A 5.1/4B *Sodium perchlorate / Sodio perclorato*
C 5.1 1502 2 NaClO4 M = 122,44 g/mol

assay 99%
calcium (Ca) 0,005%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chlorate (ClO₃) 0,05%
chloride (Cl) 0,02%
sulphate (SO₄) 0,01%



R: 9-22 S: 2-13-22-27
disposal: 16

13454 Sodium perchlorate-1-hydrate pure
A 5.1/4B *Sodium perchlorate-1-hydrate / Sodio perclorato-1-hidrato*
C 5.1 1502 2 NaClO4 · H2O M = 140,46 g/mol

assay 99,5%
calcium (Ca) 0,005%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chlorate (ClO₃) 0,05%
chloride (Cl) 0,02%
sulphate (SO₄) 0,01%



R: 9-22 S: 2-13-22-27
disposal: 16

Sodium meta-periodate see Sodium tetroxiodate(VII)

31445 Sodium peroxide R. G., granular, Reag. ACS
A 5.1/9A *Sodium peroxyde / Sodio peróxido*
C 5.1 1504 1 Na2O2 M = 77,98 g/mol

assay min. 95%
insoluble in water max. 0,02%
aluminium (Al) max. 0,005%
iron (Fe) max. 0,002%
heavy metals (as Pb) max. 0,002%
chloride (Cl) max. 0,002%
phosphate (PO₄) max. 0,0005%
sulphate (SO₄) max. 0,001%
total nitrogen (N) max. 0,003%



R: 8-35 S: 8-27-39
disposal: 16

13456 Sodium peroxide
A 5.1/9A *Sodium peroxyde / Sodio peróxido*
C 5.1 1504 1 Na2O2 M = 77,98 g/mol

assay of active oxygen 20%
iron (Fe) 0,005%
chloride (Cl) 0,01%
sulphate (SO₄) 0,003%



R: 8-35 S: 8-27-39
disposal: 16

13457 Sodium peroxodisulphate
C 5.1 1505 3 *Sodium peroxodisulfate / Sodio peroxodisulfato*
Na2S2O8 M = 238,11 g/mol

assay 99%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,005%

Sodium persulphate see Sodium peroxodisulphate

BL. 1 kg 21,75 18,50 17,40 16
BLT. 100 kg price on request
2832

BL. 500 g 11,— 9,35 8,80 8
BL. 2,5 kg 41,75 34,65 32,55 31
BLT. 100 kg price on request
2832

BL. 500 g 22,— 18,70 17,60 16
BL. 1 kg 37,— 31,45 29,60 28
BL. 2,5 kg 80,— 66,40 62,40 60
2817

BL. 500 g 16,— 13,60 12,80 12
BL. 1 kg 29,25 24,85 23,40 22
BL. 2,5 kg 63,50 52,70 49,55 47
2817

WG. 500 g 13,— 11,05 10,40 10
WG. 1 kg 17,50 14,90 14,— 13
S. 50 kg price on request
2838

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
33138	di-Sodium phenylphosphate dihydrate R. G., for the determination of phosphatase <i>di-Sodium phénylphosphate dihydrate / di-Sodio fenilfosfato dihidrato</i> $C_6H_5OPO(ONa)_2 \cdot 2H_2O$ $C_6H_5Na_2O_4P \cdot 2H_2O$ $M = 254,09$ g/mol assay (ex P. water-free substance) min. 98% loss on drying (105 °C) max. 15% free phenol max. 0,02% suitability for determination of phosphatase passes test	WG. 2919	100 g	60,—	51,—	48,—	45,—
	Sodium phosphate(meta-) see Sodium hexametaphosphate						
04278	tri-Sodium phosphate chem. pure <i>tri-Sodium phosphate / tri-Sodio fosfato</i> Na_3PO_4 $M = 163,94$ g/mol assay 94% loss on ignition (800 °C) 6% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,02% sulphate (SO ₄) 0,02%	PF. PF. 2840	1 kg 5 kg	25,— 93,50	21,25 77,60	20,— 72,95	19,25 70,15
04279	tri-Sodium phosphate-10-hydrate technical <i>tri-Sodium phosphate-10-hydrate / tri-Sodio fosfato-10-hidrato</i> $Na_3PO_4 \cdot 10H_2O$ $M = 344,09$ g/mol assay 96% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,1%	PF. 2840	5 kg	35,—	29,05	27,30	26,25
04277	tri-Sodium phosphate-12-hydrate chem. pure cryst. <i>tri-Sodium phosphate-12-hydrate / tri-Sodio fosfato-12-hidrato</i> $Na_3PO_4 \cdot 12H_2O$ $M = 380,12$ g/mol assay of $Na_3PO_4 \cdot 12H_2O$ 99% assay of free alkali (as NaOH) 2% arsenic (As) 0,0001% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,01% sulphate (SO ₄) 0,01%	PF. PF. S. 2840	1 kg 5 kg 50 kg	12,50 46,— price on request	10,65 38,20	10,— 35,90	9,65 34,50
	Sodium phosphate dibasic see di-Sodium hydrogen phosphate						
	Sodium phosphate monobasic see Sodium dihydrogen phosphate						
	Sodium phosphate tribasic see tri-Sodium phosphate						
04283	Sodium phosphite-5-hydrate <i>Sodium phosphite-5-hydrate / Sodio fosfito-5-hidrato</i> $Na_2(PhO_3) \cdot 5H_2O$ $M = 216,04$ g/mol assay 98% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO ₄) 0,005%	PF. PF. FTP. 2840	250 g 1 kg 25 kg	12,— 30,75 price on request	10,20 26,15	9,60 24,60	9,— 23,70
	Sodium potassium carbonate see Potassium carbonate—sodium carbonate						
	Sodium potassium tartrate see Potassium sodium tartrate						

Code Number
A) R.D. ACH
B) R.D.VE-CCVS
C) MDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9

(16 E

18108

Sodium propionate N. F. XIV

Sodium propionate / Sodio propionato

$\text{CH}_3\text{CH}_2\text{COONa}$

$\text{C}_3\text{H}_5\text{NaO}_2$ $M = 96,06$ g/mol

assay (for dried substance) 99,5%
loss on drying (105 °C, 2 h) 1%
arsenic (As) 0,0002%
iron (Fe) 0,003%
heavy metals (as Pb) 0,0005%
zinc (Zn) 0,001%

Sodium pyrophosphate see tetra-Sodium diphosphate

Sodium pyrosulphite see Sodium disulphite

Sodium pyruvate see Pyruvic acid sodium salt

Sodium rhodanide see Sodium thiocyanate

33432

Sodium rhodizonate R. G.

Sodium rhodizonate / Sodio rodizonato

$\text{O}_2\text{C}(\text{CO})_2\text{C}(\text{ONa})=\text{CONa}$

$\text{C}_6\text{Na}_2\text{O}_6$ $M = 214,04$ g/mol

suitability for proof of barium passes test
suitability as indicator for
sulphate titration passes test

31493

Sodium salicylate R. G.

Sodium salicylate / Sodio salicilato

$\text{HOC}_6\text{H}_4\text{COONa}$

$\text{C}_7\text{H}_5\text{NaO}_3$ $M = 160,10$ g/mol

assay min. 99,5%
water (according to Karl Fischer) max. 0,2%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,002%
sulphate (SO_4) max. 0,01%

13475 ○ **Sodium salicylate chem. pure Ph. Eur. I**

Sodium salicylate / Sodio salicilato

$\text{OHC}_6\text{H}_4\text{COONa}$

$\text{C}_7\text{H}_5\text{NaO}_3$ $M = 160,10$ g/mol

31619

Sodium selenite R. G.

Sodium selenite / Sodio selenito

A 6.1

C 6.1 2811 2

$\text{Na}_2\text{SeO}_3 \cdot 5\text{H}_2\text{O}$ $M = 263,01$ g/mol

assay ($\text{Na}_2\text{SeO}_3 \cdot 5\text{H}_2\text{O}$) min. 99%
iron (Fe) max. 0,001%
chloride (Cl) max. 0,005%
sulphate and selenate (as SO_4) max. 0,005%
total nitrogen (N) max. 0,005%



R: 23/25-33 S: 20/21-28-44
disposal: 10

10108

Sodium selenite for the glass industry

Sodium selenite / Sodio selenito

A 6.1

C 6.1 2811 2

Na_2SeO_3 $M = 172,94$ g/mol

assay (Se) 45%
loss on drying (120 °C) 1%



R: 23/25-33 S: 20/21-28-44
disposal: 10

Sodium sesquityrene see IDRANAL® III

13728

Sodium silicate powder

Sodium silicate / Sodio silicato

assay (Na_2O) 18%
silicic acid (SiO_2) 63%
loss on ignition (800 °C) 18%

Sodium silicofluoride see Sodium fluorosilicate

PF.

S.

2914

1 kg

25 kg

22,—

18,70

17,60

16

price on request

FL.

FL.

2913

1 g

5 g

9,50

28,—

8,10

23,80

7,60

22,40

7

21

WG.

2916

250 g

15,50

13,20

12,40

11

PF.

2916

1 kg

31,25

25,95

24,40

23

WG.

WG.

2848

25 g

100 g

12,—

35,50

10,20

30,20

9,60

28,40

9

26

BL.

2848

100 g

26,—

22,10

20,80

19

PF.

PF.

S.

2845

1 kg

5 kg

25 kg

8,50

31,75

price on request

7,25

26,35

price on request

6,80

24,75

price on request

6

2

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
14505	Sodium stannate 43—44% SnO₂ <i>Sodium stannate / Sodio estanato</i>	PF. BLT. 2847	1 kg 100 kg	51,50 price on request	43,80	41,20	39,65
14504	Sodium stannate 39—40% SnO₂ <i>Sodium stannate / Sodio estanato</i>	PF. BLT. 2847	1 kg 100 kg	50,50 price on request	42,95	40,40	38,90
26421	Sodium stearate powder <i>Sodium stéarate / Sodio estearato</i> assay of stearic acid 91% assay of sodium 7% water (according to Karl Fischer) 2%	PF. S. 2914	1 kg 25 kg	16,75 price on request	14,25	13,40	12,90
Sodium succinate see Succinic acid disodium salt							
31481	Sodium sulphate R. G. exsiccated, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I <i>Sodium sulfate / Sodio sulfato</i> Na ₂ SO ₄ M = 142,04 g/mol assay min. 99% insoluble in water max. 0,01% loss on ignition (800 °C) max. 0,5% pH (5%, 20 °C) 5,2—8,0 arsenic (As) max. 0,0001% calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% potassium (K) max. 0,01% magnesium (Mg) max. 0,001% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,001% phosphate (PO ₄) max. 0,002% total nitrogen (N) max. 0,0005%	PF. PF. PF. FTP. 2838	500 g 1 kg 5 kg 50 kg	10,75 17,75 68,— kg 7,35	9,15 15,10 56,45 7,35	8,60 14,20 53,05	8,30 13,65 51,—
13462	Sodium sulphate dry pure <i>Sodium sulfate / Sodio sulfato</i> Na ₂ SO ₄ M = 142,04 g/mol assay 99% loss on drying (130 °C) 0,1% iron (Fe) 0,004% heavy metals (as Pb) 0,003% chloride (Cl) 0,01%	PF. PF. S. 2838	1 kg 5 kg 50 kg	10,25 30,— price on request	8,70 24,90	8,20 23,40	7,90 22,50
35896	Sodium sulphate exsiccated PESTANAL® <i>Sodium sulfate / Sodio sulfato</i> Na ₂ SO ₄ M = 142,04 g/mol	PF. 2838	500 g	13,75	11,70	11,—	10,60
13464	Sodium sulphate exsiccated chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franç. IX <i>Sodium sulfate / Sodio sulfato</i> Na ₂ SO ₄ M = 142,04 g/mol assay 99,5% loss on drying (130 °C) 1% free acid (as H ₂ SO ₄) 0,05% free alkali (as NaOH) 0,04% arsenic (As) 0,0001% calcium (Ca) 0,01% iron (Fe) 0,001% magnesium (Mg) 0,002% heavy metals (as Pb) 0,001% zinc (Zn) 0,005% chloride (Cl) 0,005%	PF. PF. S. 2838	1 kg 2,5 kg 50 kg	10,50 21,75 price on request	8,95 18,05	8,40 16,95	8,10 16,30

Code Number
A) RID ADR
B) GHS / GHS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (10 Boxes)

31449 Sodium sulphate-10-hydrate R. G.
Sodium sulfate-10-hydrate / Sodio sulfato-10-hidrato

$\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ $M = 322,19 \text{ g/mol}$

assay min. 99%
insoluble in water max. 0,005%
pH (5%, 20 °C) 5-8
ammonium (NH_4) max. 0,0005%
arsenic (As) max. 0,00005%
calcium (Ca) max. 0,002%
iron (Fe) max. 0,0005%
magnesium (Mg) max. 0,0005%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,0005%
nitrate (NO_3) max. 0,001%
phosphate (PO_4) max. 0,001%

PF.
2838

1 kg 12,— 10,20 9,60

13571 ○ Sodium sulphate-10-hydrate chem. pure cryst. Ph. Eur. I,
B. P. 1973, Ph. Franç. IX
Sodium sulfate-10-hydrate / Sodio sulfato-10-hidrato

$\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ $M = 322,19 \text{ g/mol}$

loss on drying (130 °C) 52-56%
free acid (as H_2SO_4) 0,02%
free alkali (as NaOH) 0,02%
arsenic (As) 0,0001%
calcium (Ca) 0,005%
iron (Fe) 0,0005%
magnesium (Mg) 0,001%
heavy metals (as Pb) 0,0005%
zinc (Zn) 0,005%
chloride (Cl) 0,0005%

PF.
PF.
S.
S.
2838

2,5 kg 18,— 14,95 14,05 13
5 kg 32,50 27,— 25,35 24
50 kg kg 1,95
5x kg 1,85

13468 Sodium sulphide (60-62% Na_2S) scales
Sodium sulfure / Sodio sulfuro

A 8/36

C 9 1849 2

$\text{Na}_2\text{S} \cdot x\text{H}_2\text{O}$ $M = (\text{anhydrous}) 78,05 \text{ g/mol}$



R: 31-34 S: 26
disposal: 9

PF.
PF.
S.
2835

1 kg 12,50 10,65 10,—
5 kg 46,— 38,20 35,90 34
25 kg price on request

31495 Sodium sulphide-5-hydrate R. G.
Sodium sulfure-5-hydrate / Sodio sulfuro-5-hidrato

A 8/36

C 9 1849 2

$\text{Na}_2\text{S} \cdot 5\text{H}_2\text{O}$ $M = 168,12 \text{ g/mol}$



R: 31-34 S: 26
disposal: 9

WG.
WG.
WG.
WG.
2835

250 g 14,— 11,90 11,20 10
500 g 22,25 18,90 17,80 17
1 kg 41,25 35,05 33,— 31
2,5 kg 90,50 75,10 70,60 67

31454 Sodium sulphite R. G. dry
Sodium sulfite / Sodio sulfito

Na_2SO_3 $M = 126,04 \text{ g/mol}$

assay min. 96%
insoluble in water max. 0,01%
arsenic (As) max. 0,0004%
calcium (Ca) max. 0,01%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,005%
thiosulphate (S_2O_3) max. 0,02%

PF.
PF.
FTP.
2837

500 g 11,50 9,80 9,20 8
1 kg 20,50 17,45 16,40 15
50 kg kg 9,40

13471 Sodium sulphite pure
Sodium sulfite / Sodio sulfito

Na_2SO_3 $M = 126,04 \text{ g/mol}$

assay 95%
iron (Fe) 0,001%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,02%

PF.
PF.
S.
2837

1 kg 11,50 9,80 9,20 8
5 kg 43,25 35,90 33,75 32
50 kg price on request

13472 Sodium sulphite purified
Sodium sulfite / Sodio sulfito

Na_2SO_3 $M = 126,04 \text{ g/mol}$

assay 93%
iron (Fe) 0,001%
chloride (Cl) 0,1%

PF.
S.
2837

5 kg 44,50 36,95 34,70 33
50 kg price on request

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96x
(16 Boxes)


31453	Sodium sulphite-7-hydrate R. G. <i>Sodium sulfite-7-hydrate / Sodio sulfito-7-hidrato</i> $\text{Na}_2\text{SO}_3 \cdot 7\text{H}_2\text{O}$ $M = 252,15 \text{ g/mol}$ assay min. 96% insoluble in water max. 0,005% pH (5%, 20 °C) 9,0–10,5 arsenic (As) max. 0,00002% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,005% thiosulphate (S_2O_3) max. 0,02%	PF. PF. PF. FTP. 2837	500 g 1 kg 2,5 kg 50 kg	11,75 20,50 43,75 kg	10,— 17,45 36,30 9,70	9,40 16,40 34,15	9,05 15,80 32,80
13470	Sodium sulphite-7-hydrate pure cryst. Erg. B. 6 <i>Sodium sulfite-7-hydrate / Sodio sulfito-7-hidrato</i> $\text{Na}_2\text{SO}_3 \cdot 7\text{H}_2\text{O}$ $M = 252,15 \text{ g/mol}$ assay 96% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,01%	PF. PF. S. 2837	1 kg 5 kg 50 kg	11,50 43,25 price on request	9,80 35,90	9,20 33,75	8,85 32,45
	Sodium sulphocyanide see Sodium thiocyanate						
	Sodium sulphuricinate see Turkey-red oil						
	Sodium superoxide see Sodium peroxide						
32323	Sodium tartrate R. G. <i>Sodium tartrate / Sodio tartrato</i> $\text{NaOCO}(\text{CHOH})_2\text{COONa} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_4\text{Na}_2\text{O}_6 \cdot 2\text{H}_2\text{O}$ $M = 230,08 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% loss on drying (150 °C) 15,61–15,71% pH (5%, 20 °C) 7–9 ammonium (NH_4) max. 0,001% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,001% phosphate (PO_4) max. 0,001% sulphate (SO_4) max. 0,005%	PF. PF. PF. 2916	100 g 250 g 1 kg	price on request price on request price on request			
25517	Sodium tartrate chem. pure cryst. Erg. B. 6 <i>Sodium tartrate / Sodio tartrato</i> $\text{NaOCO}(\text{CHOH})_2\text{COONa} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_4\text{Na}_2\text{O}_6 \cdot 2\text{H}_2\text{O}$ $M = 230,08 \text{ g/mol}$ assay 99% ammonium (NH_4) 0,001% calcium (Ca) 0,01% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,005%	PF. S. 2916	500 g 50 kg	price on request price on request			
	Sodium taurocholate see Taurocholic acid sodium salt						
31498	Sodium tetraborate anhydrous for X-ray fluorescence analysis <i>Sodium tétraborate / Sodio tetraborato</i> $\text{Na}_2\text{B}_4\text{O}_7$ $M = 201,22 \text{ g/mol}$ assay min. 98,5% loss on ignition (1000 °C) max. 1,5% calcium (Ca) max. 0,005% iron (Fe) max. 0,001% lithium (Li) max. 0,001% heavy metals (as Pb) max. 0,002% silicium (Si) max. 0,005% chloride (Cl) max. 0,001% phosphate (PO_4) max. 0,002% sulphate (SO_4) max. 0,005%	PF. PF. 2846	500 g 2,5 kg	59,— 235,—	50,15 195,05	47,20 183,30	45,45 176,25

Code Number
A) R.D. ADR
B) GHS/OGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9x
(1 Box) (4 Boxes) (10 Boxes)

11648	Sodium tetraborate granulated dry <i>Sodium tétraborate / Sodio tetraborato</i> $\text{Na}_2\text{B}_4\text{O}_7$ $M = 201,22 \text{ g/mol}$ assay 99% iron (Fe) 0,005% heavy metals (as Pb) 0,005% chloride (Cl) 0,05% sulphate (SO_4) 0,05%	PF. PF. S. 2846	1 kg 9,75 8,30 7,80 5 kg 35,50 29,45 27,70 50 kg price on request
31456	Sodium tetraborate-4-hydrate R. G. <i>Sodium tétraborate-4-hydrate / Sodio tetraborato-4-hidrato</i> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 4\text{H}_2\text{O}$ $M = 273,28 \text{ g/mol}$ assay min. 99% pH (5%, 20°C) 9,2—9,5 insoluble in water max. 0,01% calcium (Ca) max. 0,01% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,002% phosphate (PO_4) max. 0,002% sulphate (SO_4) max. 0,01%	PF. PF. 2846	250 g 18,— 15,30 14,40 1 kg 53,— 45,05 42,40
31457	Sodium tetraborate-10-hydrate R. G., buffer substance, Reag. ACS, Reag. Ph. Eur. I <i>Sodium tétraborate-10-hydrate / Sodio tetraborato-10-hidrato</i> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 381,37 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% pH (5%, 20°C) 9,0—9,6 arsenic (As) max. 0,0001% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,001% phosphate (PO_4) max. 0,001% sulphate (SO_4) max. 0,005%	PF. PF. 2846	500 g 12,— 10,20 9,60 1 kg 20,— 17,— 16,—
11624	Sodium tetraborate-10-hydrate pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Sodium tétraborate-10-hydrate / Sodio tetraborato-10-hidrato</i> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 381,37 \text{ g/mol}$ assay 99,5% pH (5%, 20°C) 9,0—9,6 ammonium (NH_4) 0,0005% arsenic (As) 0,0005% calcium (Ca) 0,002% iron (Fe) 0,002% heavy metals (as Pb) 0,001% potassium (K) 0,01% magnesium (Mg) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,003%	PF. PF. S. 2846	2,5 kg 21,75 18,05 16,95 5 kg 39,25 32,60 30,60 50 kg price on request
11625	Sodium tetraborate-10-hydrate pure powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX <i>Sodium tétraborate-10-hydrate / Sodio tetraborato-10-hidrato</i> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 381,37 \text{ g/mol}$ assay 99,5% pH (5%, 20°C) 9,0—9,6 ammonium (NH_4) 0,0005% arsenic (As) 0,0005% iron (Fe) 0,002% calcium (Ca) 0,002% heavy metals (as Pb) 0,001% potassium (K) 0,01% magnesium (Mg) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,003%	PF. PF. S. 2846	2,5 kg 27,— 22,40 21,05 5 kg 49,— 40,65 38,20 50 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
11627	Sodium tetraborate-10-hydrate purified powder <i>Sodium tétraborate-10-hydrate / Sodio tetraborato-10-hidrato</i> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ $M = 381,37 \text{ g/mol}$ assay 99% arsenic (As) 0,005% iron (Fe) 0,003% heavy metals (as Pb) 0,005% chloride (Cl) 0,01% sulphate (SO_4) 0,03%	PF. S. 2846	5 kg 50 kg	35,75 price on request	29,65	27,90	26,80
Sodium tetraphenylborate see Kalignost®							
Sodium tetraphenyl boron see Kalignost®							
13554	Sodium tetrathionate <i>Sodium tétrathionate / Sodio tetrationato</i> $\text{Na}_2\text{S}_4\text{O}_6 \cdot 2\text{H}_2\text{O}$ $M = 306,27 \text{ g/mol}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2837	25 g	26,25	22,30	21,—	19,70
30323	Sodium tetroxiodate(VII) R. G., Reag. ACS, Reag. Ph. Eur. I <i>Sodium tétroxiodate(VII) / Sodio tetroxoyodato(VII)</i> NaJO_4 $M = 213,89 \text{ g/mol}$ assay min. 99,8% insoluble in water max. 0,01% loss on drying (110 °C) max. 0,2% iron (Fe) max. 0,001% manganese (Mn) max. 0,0001% heavy metals (as Pb) max. 0,001% other halogens (as Cl) max. 0,01% sulphate (SO_4) max. 0,005%	WG. WG. WG. 2832	25 g 100 g 500 g	8,75 28,— 115,—	7,45 23,80 97,75	7,— 22,40 92,—	6,55 21,— 88,55
11131	Sodium thioantimonate(V) <i>Sodium thioantimonate(V) / Sodio tioantimonato(V)</i> $\text{Na}_3\text{SbS}_4 \cdot 9\text{H}_2\text{O}$ $M = 481,12 \text{ g/mol}$	WG. 2847	250 g	28,25	24,—	22,60	21,20
13478	Sodium thiocyanate pure <i>Sodium thiocyanate / Sodio tiocianato</i> NaSCN $M = 81,07 \text{ g/mol}$ assay (dried substance) 99% loss on drying (105 °C) 2% ammonium (NH_3) 0,02% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,01% sulphate (SO_4) 0,025% sulphide (S) 0,001%	PF. PF. S. 2844	500 g 1 kg 50 kg	16,— 28,75 price on request	13,60 24,45	12,80 23,—	12,30 22,15
 R: 20/21/22-32 S: 2-13 disposal: 8							
39170	Sodium thioglycollate BIOSYNTH® <i>Sodium thioglycolate / Sodio tioglicolato</i> $\text{HSCH}_2\text{COONa}$ $\text{C}_2\text{H}_3\text{NaO}_2\text{S}$ $M = 114,10 \text{ g/mol}$ assay (iodometric) 96%	WG. 2931	100 g	48,25	41,—	38,60	36,20
13481	Sodium thiosulphate <i>Sodium thiosulfate / Sodio tiosulfato</i> $\text{Na}_2\text{S}_2\text{O}_3$ $M = 158,11 \text{ g/mol}$ assay (dried substance) 99% loss on drying (105 °C, 2 h) 1% pH (5%, 20 °C) 6,0—8,5 heavy metals (as Pb) 0,002% chloride (Cl) 0,01% sulphate and sulphite (as SO_4) 1%	PF. S. 2837	5 kg 50 kg	41,50 price on request	34,45	32,35	31,15

Code Number
A) RHD/ADR
B) GGVE/GGVS
C) IMOG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM



1x
(1 Box)

6x
(4 Boxes)

24x
(4 Boxes)

(1)


31459	Sodium thiosulphate-5-hydrate R. G., Reag. ACS, Reag. ISO, Reag Ph Eur I <i>Sodium thiosulfate-5-hydrate / Sodio tiosulfato-5-hidrato</i> $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ $M = 248,18$ g/mol assay min. 99,5% insoluble in water max. 0,005% pH (5%, 20 °C) 6,0—7,5 lead (Pb) max. 0,0005% calcium (Ca) max. 0,003% iron (Fe) max. 0,0005% copper (Cu) max. 0,001% magnesium (Mg) max. 0,005% chloride (Cl) 0,1% sulphate and sulphite (as SO_4) 0,0001% sulphide (S) max. 0,002% total nitrogen (N)	PF. PF. PF. FTP. 2837	500 g 1 kg 5 kg 50 kg	11,25 18,— 68,— kg 8,30	9,55 15,30 56,45 8,30	9,— 14,40 53,05	
13479	Sodium thiosulphate-5-hydrate chem. pure cryst. Ph. Eur. I <i>Sodium thiosulfate-5-hydrate / Sodio tiosulfato-5-hidrato</i> $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ $M = 248,18$ g/mol assay 99% calcium (Ca) 0,005% iron (Fe) 0,005% heavy metals (as Pb) 0,001% chloride (Cl) 0,008% sulphate and sulphite (as SO_4) 0,2%	PF. PF. S. S. 2837	2,5 kg 5 kg 50 kg 5x	19,25 35,— kg 2,25 kg 2,10	16,— 29,05 2,25 2,10	15,— 27,30	2
38243	0,01 mol Sodium thiosulphate FIXANAL® 2,482 g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ for 1 L 0,01 N solution <i>0,01 mol Sodium thiosulfate / 0,01 mol Sodio tiosulfato</i> ampoule	3819	1 pack	8,75	7,45	7,—	
38202	$\frac{1}{32}$ mol Sodium thiosulphate FIXANAL® for determination of sulphur in iron: 1 ml $\hat{=}$ 0,01% sulphur in 5 grammes of substance; 7,756 g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ for 1 L $\frac{1}{32}$ N solution <i>$\frac{1}{32}$ mol Sodium thiosulfate / $\frac{1}{32}$ mol Sodio tiosulfato</i> ampoule	3819	1 pack	13,25	11,25	10,60	
38200	0,1 mol Sodium thiosulphate FIXANAL® 24,818 g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ for 1 L 0,1 N solution ready-for-use solution <i>0,1 mol Sodium thiosulfate / 0,1 mol Sodio tiosulfato</i> ampoule	3819	1 pack	8,75	7,45	7,—	
35245	Sodium thiosulphate solution 0,1 mol/l 0,1 N volumetric solution Ph. Eur. I <i>Sodium thiosulfate en solution 0,1 mol/l / Sodio tiosulfato en solución 0,1 mol/l</i> 1 L \approx 1,01 kg	PF. 3819	1 L	12,50	10,65	10,—	
35244	Sodium thiosulphate solution 1 mol/l 1 N volumetric solution <i>Sodium thiosulfate en solution 1 mol/l / Sodio tiosulfato en solución 1 mol/l</i> 1 L \approx 1,12 kg Sodium 4-toluene sulphon-chloramide see Chloramine T	PF. 3819	1 L	17,25	14,65	13,80	1
31620	Sodium trioxobismuthate(V) R. G. <i>Sodium trioxobismuthate(V) / Sodio trioxobismutato(V)</i> NaBiO_3 $M = 279,97$ g/mol assay min. 85% manganese (Mn) max. 0,0005% chloride (Cl) max. 0,002% nitrate (NO_3) max. 0,004% soluble peroxides (as O) max. 0,008% Sodium trioxovanadate(V) see Sodium meta-vanadate	WG. PF. PF. 2847	25 g 100 g 250 g	11,— 32,50 73,—	9,35 27,65 62,05	8,80 26,— 58,40	2 5

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
31621	Sodium tungstate-2-hydrate R. G. <i>Sodium tungstate-2-hydrate / Sodio tungstato-2-hidrato</i> $\text{Na}_2\text{WO}_4 \cdot 2\text{H}_2\text{O}$ $M = 329,86$ g/mol assay min. 99% insoluble in water max. 0,005% water max. 12% free alkali (as NaOH) max. 0,1% molybdenum (Mo) max. 0,01% heavy metals and iron (as Pb) max. 0,001% chloride (Cl) max. 0,003% sulphate (SO_4) max. 0,01% total nitrogen (N) max. 0,001%	PF. PF. PF. 2847	100 g 250 g 500 g	22,25 46,75 84,50	18,90 39,75 71,85	17,80 37,40 67,60	16,70 35,05 65,05
14304	Sodium tungstate-2-hydrate pure cryst. <i>Sodium tungstate-2-hydrate / Sodio tungstato-2-hidrato</i> $\text{Na}_2\text{WO}_4 \cdot 2\text{H}_2\text{O}$ $M = 329,86$ g/mol assay 99% free alkali (as NaOH) 0,1% iron (Fe) 0,002% molybdenum (Mo) 0,01% chloride (Cl) 0,01% sulphate (SO_4) 0,02%	PF. PF. 2847	100 g 500 g	14,75 59,50	12,55 50,60	11,80 47,60	11,05 45,80
14203 A 6.1/74 C 6.1* 2	Sodium meta-vanadate 64—67% V_2O_5 <i>Sodium meta-vanadate / Sodio meta-vanadato</i> $\text{NaVO}_3 \cdot \text{H}_2\text{O}$ $M = 139,94$ g/mol assay 99—103% pH (5%, 20 °C) 8—10 iron (Fe) 0,005% Sodium versenate see IDRANAL® III Sörensen's buffer substances Boric acid Citric acid Glycocoll Potassium dihydrogen phosphate di-Sodium hydrogen phosphate Solochrome black see Eriochrome black T	PF. PF. FTP. 2847	100 g 1 kg 25 kg	10,75 79,50 price on request	9,15 67,60	8,60 63,60	8,05 61,20
36028 A 3/5 C 3.2 1142 2 +15 °C	Solution according to Günzburg DAB 6 Solution A: Phloroglucinol solution, ethanolic <i>Solution d'après Günzburg / Solución según Günzburg</i> 1 L \approx 0,86 kg  R: 11 S: 7-16 disposal: 6	FL. 3819	250 ml	13,25	11,25	10,60	9,95
36029 A 3/5 C 3.2 1142 2 -15 °C	Solution according to Günzburg DAB 6 Solution B: Vanillin solution, ethanolic <i>Solution d'après Günzburg / Solución según Günzburg</i> 1 L \approx 0,83 kg  R: 11 S: 7-16 disposal: 6	FL. 3819	250 ml	13,25	11,25	10,60	9,95
3742	Sorbic acid PROSYNTH® <i>Acide sorbique / Acido sórbico</i> $\text{CH}_3\text{CH}=\text{CHCH}=\text{CHCOOH}$ $\text{C}_6\text{H}_8\text{O}_2$ $M = 112,13$ g/mol assay (alkalimetric) 99% melting range 133—135 °C Sorbitan monooleate see Span 80	PF. 2914	250 g	15,50	13,20	12,40	11,65
39669	Sorbitol for gas chromatography <i>Sorbitol / Sorbita</i> $\text{HOCH}_2(\text{CHOH})_4\text{CH}_2\text{OH}$ $\text{C}_6\text{H}_{14}\text{O}_6$ $M = 182,17$ g/mol working temperature 100 to 150 °C	WG. 2904	50 g	52,—	44,20	41,60	39,—

Code Number
A: Riedel
B: GSV/OSVS
C: IMDG CODE (GGV See)

Type of package
B.T.N.

Price per package DM
1x 6x 24x
(1 Box) (4 Boxes) (10 Boxes)

39163	D(-)-Sorbitol BIOSYNTH® <i>D(-)-Sorbitol / D(-)-Sorbita</i> <chem>HOCH2(CHOH)4CH2OH</chem> <chem>C6H14O6</chem> $M = 182,17$ g/mol melting range 98–100 °C specific rotation $[\alpha]_D^{20}$; c = 10 in H ₂ O) -1,9° ± 0,3°	PF. 2904	500 g	74,50	63,35	59,60	5
39157	L(-)-Sorbose BIOSYNTH® <i>L(-)-Sorbose / L(-)-Sorbosa</i> <chem>OCH2(CHOH)3C(OH)CH2OH</chem> <chem>C6H12O6</chem> $M = 180,16$ g/mol melting range 169–171 °C specific rotation $[\alpha]_D^{20}$; c = 3 in H ₂ O) -43,5° ± 1,5°	PF. 2943	100 g	13,50	11,50	10,80	1
39683	SP 1000 for gas chromatography <i>SP 1000 / SP 1000</i>	WG. 3819	10 g	52,50	44,65	42,—	3
39670	Span 80 for gas chromatography working temperature 20 to 150 °C	WG. 2914	50 g	19,25	16,35	15,40	1
Special indicator papers see Indicator and reagent papers							
SPECTRANAL® solvents for UV and IR spectroscopy, see respective article. Complete range see appendix.							
39441 A 8/35 C 8 1759 2	Spermidine BIOSYNTH® <i>Spermidine / Spermidina</i> <chem>NH2(CH2)3NH(CH2)4NH2</chem> <chem>C7H19N3</chem> $M = 145,25$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2922	5 g	42,25	35,90	33,80	3
39442 A 8/35 C 8 1759 2	Spermine BIOSYNTH® <i>Spermine / Spermina</i> <chem>NH2(CH2)3NH(CH2)4NH(CH2)3NH2</chem> <chem>C10H26N4</chem> $M = 202,34$ g/mol	WG. 2922	5 g	40,25	34,20	32,20	3
36081 A 8/1C C 8 1830 2	Splittgerber's reagent for the determination of phosphates <i>Réactif de Splittgerber / Reactivo de Splittgerber</i> 1 L ≈ 1,24 kg	FL. FL. 3819	250 ml 1 L	10,50 24,—	8,95 20,40	8,40 19,20	1
 R: 35 S: 2-26-30 disposal: 1							
39671	Squalane for gas chromatography <i>Squalane / Squalano</i> <chem>[(CH3)2CH(CH2)3CH(CH3)(CH2)3CH(CH3)CH2CH2]2</chem> <chem>C30H62</chem> $M = 422,82$ g/mol 1 L ≈ 0,81 kg working temperature 20 to 150 °C	FL. 2901	50 ml	25,75	21,90	20,60	1
63510	Squalane PROSYNTH® <i>Squalane / Squalano</i> <chem>[(CH3)2CH(CH2)3CH(CH3)(CH2)3CH(CH3)CH2CH2]2</chem> <chem>C30H62</chem> $M = 422,82$ g/mol 1 L ≈ 0,81 kg assay (GC) 99% boiling range (at 2 mbar) 218–220 °C refractive index n_D^{20} 1,452	FL. 2901	250 ml	28,50	24,25	22,80	2
Stabilizers see Photographic dyes Please ask for the relevant list.							
Standard acetate solution pH 4,62 according to Michaelis see Buffer solutions pH 4,62							
Standard buffer solutions see Buffer solutions							
Standard pH buffer FIXANAL® see Buffer solutions							

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
Stannic compounds see Tin(IV) compounds							
Stannous compounds see Tin(II) compounds							
33615	Starch R. G. soluble <i>Amidon / Almidón</i>	PF. PF. PF. 3505	250 g 500 g 1 kg	16,— 24,— 44,25	13,60 20,40 37,60	12,80 19,20 35,40	12,— 18,50 34,05
33616	Starch R. G. soluble according to Zulkowsky <i>Amidon / Almidón</i> loss on drying (105 °C) max. 10% sulphated ash max. 7% pH (2%, 20 °C) 6,0—7,5 substances reducing Fehling's solution (as maltose) max. 0,7% sensibility passes test	PF. PF. 3505	100 g 250 g	44,25 100,50	37,60 85,45	35,40 80,40	33,20 75,40
18727	Starch soluble pure Erg. B. 6 <i>Amidon / Almidón</i>	PF. PF. FTP. 3505	500 g 1 kg 25 kg	23,— 38,25 price on request	19,55 32,50	18,40 30,60	17,70 29,45
Starch-potassium iodide paper see Indicator and reagent papers							
34117	Starch solution ready-for-use in saturated salt solution <i>Starch en solution / Almidón en solución</i>	FL. 3819	100 ml	10,—	8,50	8,—	7,50
63743	Stearamide PROSYNTH® <i>Acide stéarique amide / Acido esteárico amida</i> <chem>CH3(CH2)16CONH2</chem> <chem>C18H37NO</chem> M = 283,50 g/mol assay (ex N) 93% melting range 101—103 °C	PF. 2925	500 g	31,—	26,35	24,80	23,85
Stearates see Aluminium stearate Calcium stearate Lead stearate Magnesium stearate Sodium stearate Zinc stearate							
27403	Stearic acid pure Erg. B. 6 <i>Acide stéarique / Acido esteárico</i> <chem>CH3(CH2)16COOH</chem> <chem>C18H36O2</chem> M = 284,48 g/mol melting range 67—68 °C sulphated ash 0,1% heavy metals (as Pb) 0,002% iodine number 0,5 acid number 195—200 saponification number 195—200 neutral fats and paraffins passes test	K. K. S. S. S. 2914	1 kg 2,5 kg 25 kg 5x 10x	14,25 29,50 kg kg kg	12,10 24,50 5,65 5,25 5,—	11,40 23,—	10,95 22,15
27405	Stearic acid technical powder <i>Acide stéarique / Acido esteárico</i> <chem>CH3(CH2)16COOH</chem> <chem>C18H36O2</chem> M = 284,48 g/mol melting range 52—55 °C iodine number 0,5 acid number 200—215 saponification number 200—220	K. K. S. 1510	1 kg 2,5 kg 25 kg	13,— 26,75 kg	11,05 22,20 5,25	10,40 20,85	10,— 20,05
Stearic acid amide see Stearamide							

Code-Number		Type of package B.T.N.	Price per package DM			
			1x	6x	24x	9x
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
63052	Stearoyl chloride PROSYNTH® <i>Stéaroyle chlorure / Estearoilo cloruro</i> <chem>CH3(CH2)16COCl</chem> <chem>C18H35ClO</chem> $M = 302,93$ g/mol 1 L ≈ 0,90 kg assay (ex Cl) 98% boiling range (at 20 mbar) 213–215 °C refractive index (n_D^{25}) 1,451	FL. 2914	100 ml	13,—	11,05	10,40
A 8/22						
C 8 1759 2						
63053	Stearyl alcohol PROSYNTH® <i>Alcool stéarique / Alcohol estearílico</i> <chem>CH3(CH2)17OH</chem> <chem>C18H38O</chem> $M = 270,50$ g/mol assay (GC) 99% melting range 57–59 °C	PF. 2904	1 kg	29,—	24,65	23,20 2
	Stein and Moore see Buffer solutions Amino-acid analysis acc. to Stein and Moore					
56023	trans-Stilbene for scintillation <i>trans-Stilbène / trans-Estilbeno</i> <chem>C6H5CH=CHC6H5</chem> <chem>C14H12</chem> $M = 180,25$ g/mol assay (GC) 98% melting range 122–125 °C	WG. 2901	100 g	26,75	22,75	21,40 20
63054	cis-Stilbene PROSYNTH® <i>cis-Stilbène / cis-Estilbeno</i> <chem>C6H5CH=CHC6H5</chem> <chem>C14H12</chem> $M = 180,25$ g/mol 1 L ≈ 1,02 kg assay (GC) 97% boiling range (at 0,52 mbar) 82–84 °C refractive index (n_D^{20}) 1,622	FL. 2901	10 ml	76,—	64,60	60,80 5
18405	Stopcock grease <i>Graisse à robinet / Grasa para grifos</i>	BL. BL. 3403	250 g 1 kg	11,50 27,25	9,80 23,15	9,20 21,80 2
10450	Strontium lumps <i>Strontium / Estroncio</i> <chem>Sr</chem> $M = 87,62$ g/mol assay 99%	BL. 2805	100 g	196,—	166,60	156,80 14
38613	0,100 g Strontium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Strontium / 0,100 g Estroncio</i> ampoule	3819	1 pack	10,25	8,70	8,20
38576	1,00 g Strontium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Strontium / 1,00 g Estroncio</i> ampoule	3819	1 pack	10,25	8,70	8,20
17903	Strontium acetate PURANAL® <i>Strontium acétate / Estroncio acetato</i> <chem>Sr(CH3COO)2</chem> <chem>C4H8O4Sr</chem> $M = 206,71$ g/mol analytical data on request	PF. FTP. 2914	2,5 kg 50 kg	price on request price on request		

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
02125	Strontium bromide-6-hydrate chem. pure N. F. X <i>Strontium bromure-6-hydrate / Estroncio bromuro-6-hidrato</i> $\text{SrBr}_2 \cdot 6\text{H}_2\text{O}$ $M = 355,52 \text{ g/mol}$ assay 99% barium (Ba) 0,02% calcium (Ca) 0,8% iron (Fe) 0,001% heavy metals (as Pb) 0,001% bromate (BrO_3) 0,001% chloride (Cl) 0,5% iodide (I) 0,02%	PF. PF. S. 2830	500 g 1 kg 50 kg	27,25 50,50 price on request	23,15 42,95	21,80 40,40	21,— 38,90
13903	Strontium carbonate chem. pure <i>Strontium carbonate / Estroncio carbonato</i> SrCO_3 $M = 147,63 \text{ g/mol}$ assay 99% barium (Ba) 0,1% calcium (Ca) 0,02% iron (Fe) 0,001% heavy metals (as Pb) 0,001% chloride (Cl) 0,005% sulphate (SO_4) 0,01% total nitrogen (N) 0,02%	PF. S. 2842	1 kg 50 kg	49,25 price on request	41,85	39,40	37,90
13904	Strontium carbonate white <i>Strontium carbonate / Estroncio carbonato</i> SrCO_3 $M = 147,63 \text{ g/mol}$ assay 96% barium (Ba) 1% calcium (Ca) 0,3% iron (Fe) 0,002% chloride (Cl) 0,005% sulphate (SO_4) 0,3%	PF. PF. S. 2842	1 kg 5 kg 50 kg	17,75 66,50 price on request	15,10 55,20	14,20 51,85	13,65 49,90
31632	Strontium chloride-6-hydrate R. G. <i>Strontium chlorure-6-hydrate / Estroncio cloruro-6-hidrato</i> $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 266,62 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% pH (5%, 20 °C) 5—7 barium (Ba) max. 0,01% calcium (Ca) max. 0,005% iron (Fe) max. 0,0005% magnesium (Mg) max. 0,0005% sodium (Na) max. 0,01% heavy metals (as Pb) max. 0,0005% sulphate (SO_4) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. 2830	250 g 1 kg	16,50 50,50	14,05 42,95	13,20 40,40	12,40 38,90
17906	Strontium chloride-6-hydrate PURANAL® <i>Strontium chlorure-6-hydrate / Estroncio cloruro-6-hidrato</i> $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 266,62 \text{ g/mol}$ analytical data on request	PF. S. 2830	2,5 kg 50 kg	price on request price on request			
13909	Strontium chloride-6-hydrate chem. pure cryst. Erg. B. 6 <i>Strontium chlorure-6-hydrate / Estroncio cloruro-6-hidrato</i> $\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$ $M = 266,62 \text{ g/mol}$ assay 99% pH (5%, 20 °C) 5—7 barium (Ba) 0,02% calcium (Ca) 0,1% iron (Fe) 0,001% sodium (Na) 0,1% heavy metals (as Pb) 0,001% sulphate (SO_4) 0,005%	PF. PF. PF. S. 2830	500 g 1 kg 5 kg 50 kg	20,25 37,25 147,50 kg 8,40	17,20 31,65 122,45	16,20 29,80 115,05	15,60 28,70 110,65
12267	Strontium chromate <i>Strontium chromate / Estroncio cromato</i> SrCrO_4 $M = 203,81 \text{ g/mol}$ assay 98% chloride (Cl) 0,005% nitrate (NO_3) 0,2% sulphate (SO_4) 0,5%	PF. S. 2847	1 kg 25 kg	38,75 price on request	32,95	31,—	29,85

Code Number
A) R.C. ADR
B) D.V.E./D.V.S.
C) M.D.C. CODE (GGV3ee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (16 Boxes)

01155 Strontium fluoride pure
C 5.1 2811 3 Strontium fluorure / Estroncio fluoruro

SrF_2 $M = 125,62$ g/mol
assay (ex F) 97%
loss on ignition (600 °C, 15 min.) 2%
iron (Fe) 0,001%
heavy metals (as Pb) 0,002%
sulphate (SO_4) 0,02%

PF.
S.
2829

500 g 32,50 27,65 26,— 2
50 kg price on request

01220 Strontium fluoride for glass industry
C 5.1 2811 3 Strontium fluorure / Estroncio fluoruro

SrF_2 $M = 125,62$ g/mol

PF.
FTP.
2829

1 kg price on request
50 kg price on request

13913 Strontium hydroxide-8-hydrate pure
Strontium hydroxyde-8-hydrate / Estroncio hidróxido-8-hidrato

$\text{Sr}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ $M = 265,71$ g/mol
assay 98%
assay of SrCO_3 2%
barium (Ba) 0,1%
calcium (Ca) 0,05%
iron (Fe) 0,0005%
magnesium (Mg) 0,002%
sodium (Na) 0,2%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,001%
total nitrogen (N) 0,02%

PF.
PF.
S.
2818

500 g 13,75 11,70 11,— 1
1 kg 24,75 21,05 19,80 1
50 kg price on request

13934 Strontium hydroxide-8-hydrate cryst. 98%
Strontium hydroxyde-8-hydrate / Estroncio hidróxido-8-hidrato

$\text{Sr}(\text{OH})_2$ $M = 121,63$ g/mol

PF.
2818

1 kg price on request

31633 Strontium nitrate R. G., Reag. ACS
C 5.1 1507 3 Strontium nitrate / Estroncio nitrato

$\text{Sr}(\text{NO}_3)_2$ $M = 211,63$ g/mol
assay min. 99%
insoluble in water max. 0,005%
loss on drying (105 °C) max. 0,1%
pH (5%, 20 °C) 5—7
ammonium (NH_4) max. 0,005%
barium (Ba) max. 0,01%
calcium (Ca) max. 0,005%
iron (Fe) max. 0,0005%
magnesium (Mg) max. 0,002%
sodium (Na) max. 0,02%
heavy metals (as Pb) max. 0,0005%
chloride (Cl) max. 0,001%
sulphate (SO_4) max. 0,005%

PF.
PF.
2839

250 g 18,75 15,95 15,— 1
1 kg 62,— 52,70 49,60 4

17813 Strontium nitrate PURANAL®
C 5.1 1507 3 Strontium nitrate / Estroncio nitrato

$\text{Sr}(\text{NO}_3)_2$ $M = 211,63$ g/mol
analytical data on request

PF.
FTP.
2839




5 kg price on request
50 kg price on request

13914 Strontium nitrate chem. pure
C 5.1 1507 3 Strontium nitrate / Estroncio nitrato



$\text{Sr}(\text{NO}_3)_2$ $M = 211,63$ g/mol
assay 99%
loss on drying (105 °C) 0,5%
pH (5%, 20 °C) 5—7
calcium (Ca) 0,02%
iron (Fe) 0,0005%
magnesium (Mg) 0,002%
sodium (Na) 0,1%
heavy metals (as Pb) 0,001%
chloride (Cl) 0,001%




PF.
PF.
FTP.
2839

250 g 14,— 11,90 11,20 1
1 kg 37,25 31,65 29,80 2
100 kg price on request

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
13915	Strontium nitrate pure	PF.	1 kg	32,75	27,85	26,20	25,20
5.1 1507 3	Strontium nitrate / Estroncio nitrato	PF.	5 kg	125,50	104,15	97,90	94,15
	Sr(NO ₃) ₂ M = 211,63 g/mol	S.	50 kg	price on request			
	assay 98%	2839					
	loss on drying (105 °C) 1%						
	calcium (Ca) 0,2%						
	iron (Fe) 0,001%						
	magnesium (Mg) 0,05%						
	sodium (Na) 0,1%						
	heavy metals (as Pb) 0,001%						
	chloride (Cl) 0,005%						
13919	Strontium peroxide min. 85% SrO₂	BLT.	60 kg	price on request			
5.1/98	Strontium peroxyde / Estroncio peróxido	2818					
5.1 1509 2	SrO ₂ M = 119,62 g/mol						
	 R: 9 S: 24/25-27 disposal: 16						
13920	Strontium sulphate precipitated white	PF.	1 kg	24,75	21,05	19,80	19,05
	Strontium sulfate / Estroncio sulfato	PF.	5 kg	92,50	76,80	72,15	69,40
	SrSO ₄ M = 183,68 g/mol	S.	50 kg	price on request			
	assay 98%	2838					
	loss on ignition 0,8%						
	alkalis (as sulphates) 0,5%						
	iron (Fe) 0,003%						
	chloride (Cl) 0,005%						
13923	Strontium sulphide 60% SrS, pure fine powder	PF.	500 g	28,75	24,45	23,—	22,15
	Strontium sulfure / Estroncio sulfuro	PF.	1 kg	52,50	44,65	42,—	40,45
	 R: 20/22-31 S: 28 disposal: 9	BLT.	50 kg	price on request			
		2835					
63055	Styrene PROSYNTH® stabilized with 4-tert.-butylpyrocatechol	FL.	1 L	13,75	11,70	11,—	10,60
A 3/3	(10 mg/l)	2901					
C 3.3 2055 2	Styrène / Estireno						
-31 °C	C ₆ H ₅ CH=CH ₂						
	C ₈ H ₈ M = 104,15 g/mol 1 L ≈ 0,91 kg						
	assay (GC) 99%						
	boiling range 144—146 °C						
	refractive index (n _D ²⁰) 1,546						
	keep cool						
	à stocker au frais						
	consérvese frio						
	 R: 10-36/37 disposal: 6						
	Styrene oxide see Phenylethylene oxide						
	Suberan see Cycloheptane						
63933	Suberic acid PROSYNTH®	WG.	100 g	12,75	10,85	10,20	9,55
	Acide subérique / Acido subérico	2915					
	HOCO(CH ₂) ₆ COOH						
	C ₈ H ₁₄ O ₄ M = 174,20 g/mol						
	assay (alkalimetric) 99%						
	melting range 140—142 °C						
62719	Suberodinitrile PROSYNTH®	FL.	50 ml	23,50	20,—	18,80	17,65
A 8.1/21	Subérodinitrile / Suberodinitrilo	2927					
C 6.1 1935 1	NC(CH ₂) ₆ CN						
	C ₈ H ₁₂ N ₂ M = 136,20 g/mol 1 L ≈ 0,94 kg						
	assay (GC) 98%						
	boiling range (at 13 mbar) 173—175 °C						
	refractive index (n _D ²⁰) 1,443						

Code Number
A) RHD/ACH
B) CDE/SCVS
C) MDO/COCC (SDVSee)

63746	Succinamide PROSYNTH® <i>Amide succinique / Succinamida</i> <chem>NH2COCH2CH2CONH2</chem> <chem>C4H6N2O2</chem> M = 116,12 g/mol assay (ex N) 98% melting range 260–262 °C	WG. 2915	250 g	17,50	14,90	14,—	13
33057	Succinic acid R. G. <i>Acide succinique / Acido succinico</i> <chem>HOOCCH2CH2COOH</chem> <chem>C4H6O4</chem> M = 118,09 g/mol assay min. 99,5% melting range 184–186 °C water (according to Karl Fischer) max. 0,5% sulphated ash max. 0,02% ammonium (NH4) max. 0,001% iron (Fe) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% sulphate (SO4) max. 0,005%						
27616	Succinic acid pure cryst. Erg. B. 6 <i>Acide succinique / Acido succinico</i> <chem>HOOC(CH2)2COOH</chem> <chem>C4H6O4</chem> M = 118,09 g/mol assay 99% melting range 184–186 °C sulphated ash 0,05% iron (Fe) 0,002% heavy metals (as Pb) 0,002% chloride (Cl) 0,002% sulphate (SO4) 0,01%	PF. PF. S. 2915	250 g 1 kg 50 kg	12,75 32,75 price on request	10,85 27,85 price on request	10,20 26,20 price on request	9 25 price on request
62146	Succinic acid disodium salt hexahydrate PROSYNTH® <i>Acide succinique sel disodique hexahydrate / Acido succinico sal disódica hexahidrato</i> <chem>NaOOCCH2CH2COONa · 6H2O</chem> <chem>C4H4Na2O4 · 6H2O</chem> M = 270,14 g/mol assay 99%	PF. 2915	250 g	15,75	13,40	12,60	11
35897	Succinic acid mono-(2,2-dimethylhydrazide) min. 99% PESTANAL® <chem>HOOCCH2CH2CONHN(CH3)2</chem> <chem>C6H12N2O3</chem> M = 160,17 g/mol	FL. 2929	1 g	16,25	13,80	13,—	12
39301	Succinic anhydride BIOSYNTH® <i>Anhydride succinique / Anhidrido succinico</i> <chem>O=COCH2CH2CO</chem> <chem>C4H4O3</chem> M = 100,07 g/mol  R: 38/37 S: 25 disposal: 21	PF. PF. 2915	250 g 1 kg	14,— 36,25	11,90 30,80	11,20 29,—	10 27
27619	Succinic anhydride <i>Anhydride succinique / Anhidrido succinico</i> <chem>O=COCH2CH2CO</chem> <chem>C4H4O3</chem> M = 100,07 g/mol assay 99% melting range (ex dried substance) 118–120 °C sulphated ash 0,1%  R: 36/37 S: 25 disposal: 21	PF. PF. S. 2915	500 g 1 kg 50 kg	19,75 36,— price on request	16,80 30,60 price on request	15,80 28,80 price on request	15 27 price on request
60274	Succinimide PROSYNTH® <i>Succinimide / Succinimida</i> <chem>O=COCH2CH2CONH</chem> <chem>C4H5NO2</chem> M = 99,09 g/mol assay 99% melting range 123–125 °C	PF. PF. 2926	250 g 1 kg	24,— 74,50	20,40 63,35	19,20 59,60	18 57

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
62147	Succinodinitrile PROSYNTH® <i>Dinitrile succinique / Succinodinitrilo</i> NCCH ₂ CH ₂ CN C ₄ H ₄ N ₂ M = 80,09 g/mol assay (GC) 99% melting range 54–56 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	100 g	27,25	23,15	21,80	20,45
64308	Succinyl dichloride PROSYNTH® <i>Succinyle dichlorure / Acido succínico dicloruro</i> ClCOCH ₂ CH ₂ COCl C ₄ H ₄ Cl ₂ O ₂ M = 154,98 g/mol 1 L ≈ 1,37 kg assay (ex Cl) 98% boiling range 191–193 °C refractive index (n _D ²⁰) 1,467	FL. 2915	50 ml	37,75	32,10	30,20	28,30
	Succinyl oxide see Succinic anhydride						
	Sucrose see D(+)-Saccharose						
32704	Sudan® blue II for microscopy <i>Sudan® bleu II / Sudan® azul II</i>	WG. 3205	25 g	11,25	9,55	9,—	8,45
32669	Sudan® red 7 B for microscopy <i>Sudan® rouge 7 B / Sudan® rojo 7 B</i>	WG. 3205	25 g	10,75	9,15	8,60	8,05
32765	Sudan (III) R. G., Reag. Ph. Eur. I (C. I. No. 26100) <i>Sudan (III) / Sudan (III)</i> C ₆ H ₅ N=NC ₆ H ₄ N=NC ₁₀ H ₆ OH C ₂₂ H ₁₆ N ₄ O M = 352,39 g/mol	WG. WG. 3205	25 g 100 g	18,75 63,—	15,95 53,55	15,— 50,40	14,05 47,25
	Sulfolane see Tetramethylene sulphone						
	Sulphacetamide see Thioacetamide						
07401	Sulphamic acid <i>Acide amidosulfurique / Acido amidosulfúrico</i> NH ₂ SO ₃ H M = 97,09 g/mol assay 99,5% residue on ignition 0,02% iron (Fe) 0,0005% heavy metals (as Pb) 0,001% chloride (Cl) 0,001% sulphate (SO ₄) 0,05%  R: 36/38 S: 2-26-28 disposal: 1	PF. PF. S. FTP. 2813	1 kg 2,5 kg 25 kg 25 kg	14,— 29,— price on request price on request	11,90 24,05	11,20 22,60	10,80 21,75
	Sulphamic acid, ammonium salt see Ammonium sulphamidate						
	Sulphamic acid, nickel combination see Nickel sulphamate solution						
	Sulphanilic acid sol. see Ehrlich's diazo reagent, solution						
13618	Sulphanilic acid R. G., Reag. Ph. Eur. I <i>Acide sulfanilique / Acido sulfanílico</i> C ₆ H ₄ (NH ₂)(SO ₃ H) C ₆ H ₇ NO ₃ S M = 173,19 g/mol assay min. 99% sulphated ash max. 0,01% insoluble in soda lye max. 0,01% heavy metals (as Pb) max. 0,001% chloride (Cl) max. 0,002% nitrite (NO ₂) max. 0,00005% sulphate (SO ₄) max. 0,005%  R: 20/21/22 S: 25-28 disposal: 21	PF. PF. 2922	100 g 250 g	19,75 44,75	16,80 38,05	15,80 35,80	14,80 33,55

Code-Number
A) RID/ADR
B) GGV/AGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

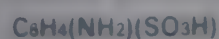
1x

6x
(1 Box)

24x
(4 Boxes)

5
(10 Boxes)

27807 **Sulphanilic acid chem. pure**
Acide sulfanilique / Acido sulfanilico



$\text{C}_6\text{H}_7\text{NO}_3\text{S}$ $M = 173,19 \text{ g/mol}$

assay 99%
sulphated ash 0,02%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,002%
sulphate (SO_4) 0,01%



R: 20/21/22 S: 25-28
disposal: 21

Sulphanilic acid solution see Ehrlich's diazo reagent,
solution B

38935 **10,00 g Sulphate FIXANAL® as Sulphuric acid**
10,00 g Sulfate / 10,00 g Sulfato

A 8/1C

C 8 1830 2



R: 36/38 S: 2-26
disposal: 1

ampoule

Sulphobromphthaleine sodium see Bromosulphaleine

Sulphocarbamide see Thiourea

Sulphocarbanilide see Diphenylthiourea

Sulpholabic see Dibenzyl disulphide

Sulpholane see Tetramethylene sulphone

63056 **3-Sulpholene PROSYNTH®**
3-Sulfolène / 3-Sulfoleno



$\text{C}_4\text{H}_6\text{O}_2\text{S}$ $M = 118,16 \text{ g/mol}$

assay (ex S) 98%
melting range 64–66 °C

Sulphomolybdic acid solution see Splittgerber's reagent

Sulphongalleine see Pyrogallol red

Sulphopress see Dibenzyl disulphide

33619 **5-Sulphosalicylic acid dihydrate R. G. and for metal titration,**
Reag. ACS
Acide 5-sulfosalicylique dihydrate / Acido 5-sulfosalicílico
dihidrato



$\text{C}_7\text{H}_6\text{O}_6\text{S} \cdot 2\text{H}_2\text{O}$ $M = 254,22 \text{ g/mol}$

assay (acidimetric, on anhydrous substance) min. 99%
melting range 108–109 °C
sulphated ash max. 0,1%
insoluble in water max. 0,005%
water (according to Karl Fischer) max. 15%
free salicylic acid max. 0,02%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,001%
chloride (Cl) max. 0,001%
sulphate (SO_4) max. 0,02%

27308 **5-Sulphosalicylic acid dihydrate Erg. B. 6**
Acide 5-sulfosalicylique dihydrate / Acido 5-sulfosalicílico
dihidrato



$\text{C}_7\text{H}_6\text{O}_6\text{S} \cdot 2\text{H}_2\text{O}$ $M = 254,22 \text{ g/mol}$

assay (acidimetric, on anhydrous substance) 99%
melting range 108–112 °C
water (according to Karl Fischer) 43,5–15,0%
sulphated ash 0,1%
free salicylic acid 0,2%
iron (Fe) 0,002%
heavy metals (as Pb) 0,002%
chloride (Cl) 0,002%

PF.
2922

500 g 35,— 29,75 28,— 26,—

3819

1 pack 18,75 15,95 15,— 14,—

PF.
2935

250 g 37,75 32,10 30,20 28,—

PF.

100 g 13,75 11,70 11,— 10,—

PF.

250 g 25,75 21,90 20,60 19,—

PF.

1 kg 83,— 70,55 66,40 63,—

2916



PF.

500 g 33,75 28,70 27,— 26,—

PF.

1 kg 61,50 52,30 49,20 47,—

2916

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
Sulphourea see Thiourea							
13802	Sulphur chem. pure cryst.	PF.	100 g	10,50	8,95	8,40	7,90
A 4.1/2A	<i>Soufre / Azufre</i>	PF.	500 g	43,—	36,55	34,40	33,10
C 4.1 1350 3	S M = 32,07 g/mol	PF.	1 kg	78,50	66,75	62,80	60,45
	melting range 118—120 °C	2503					
	residue on ignition 0,05 %						
	arsenic and selenium (as As) 0,0002 %						
	chloride (Cl) 0,005 %						
	sulphate (SO ₄) 0,01 %						
13803	Sulphur purified DAB 8, Reag. Ph. Eur. I	PF.	1 kg	8,50	7,25	6,80	6,55
A 4.1/2A	<i>Soufre / Azufre</i>	PF.	5 kg	25,50	21,15	19,90	19,15
C 4.1 1350 3	S M = 32,07 g/mol	S.	50 kg	kg	2,50		
	assay 99,5 %	S.	5x	kg	2,35		
	melting range 118—120 °C	2802					
	residue on ignition 0,1 %						
	free acid (as H ₂ SO ₄) 0,01 %						
	free alkali (as NaOH) 0,005 %						
	arsenic and selenium (as As) 0,0002 %						
	chloride (Cl) 0,005 %						
	sulphate (SO ₄) 0,005 %						
	sulphide (S) passes test						
13825	Sulphur colloidal powder 80 % S	PF.	1 kg	9,50	8,10	7,60	7,30
A 4.1/2A	<i>Soufre / Azufre</i>	S.	25 kg	price on request			
C 4.1 1350 3		2802					
13824	Sulphur colloidal liquid 50 % S, for Latex	PF.	1 L	10,—	8,50	8,—	7,70
	<i>Soufre / Azufre</i>	FPF.	40 kg	price on request			
	1 L ≈ 1,37 kg	2802					
13806	Sulphur chloride	FL.	1 L	21,75	18,50	17,40	16,75
A 8/11A	<i>Soufre monochlorure / Azufre monoclóruo</i>	TS.	40 kg	price on request			
C 8 1828 1	S ₂ Cl ₂ M = 135,04 g/mol 1 L ≈ 1,68 kg	2814					
	assay 99 %						
	 R: 14-34-37 S: 26 disposal: 11						
34622	Sulphur dioxide watery solution 5—6 % SO₂ R. G.	FL.	1 L	8,25	7,—	6,60	6,35
C 8 1833 2	<i>Soufre dioxyde / Azufre dióxido</i>	FL.	2,5 L	13,25	11,—	10,35	9,95
	SO ₂ M = 64,06 g/mol 1 L ≈ 1,03 kg	2813					
	assay min. 5 %						
	residue on ignition max. 0,002 %						
	arsenic (As) max. 0,00005 %						
	iron (Fe) max. 0,0001 %						
	heavy metals (as Pb) max. 0,0001 %						
	chloride (Cl) max. 0,0005 %						
Sulphur, flower see Sulphur purified							
30736	Sulphuric acid fuming, with about 20 % SO₃, R. G., Reag. ACS	FL.	500 ml	50,50	42,95	40,40	38,90
A 8/1A	<i>Acide sulfurique / Acido sulfúrico</i>	FL.	2,5 L	211,—	175,15	164,60	158,25
C 8 1831 1	1 L ≈ 1,90 kg	2808					
	residue on ignition max. 0,001 %						
	ammonium (NH ₄) max. 0,0002 %						
	arsenic (As) max. 0,00001 %						
	iron (Fe) max. 0,0002 %						
	heavy metals (as Pb) max. 0,0005 %						
	chloride (Cl) max. 0,0005 %						
	nitrate (NO ₃) max. 0,0001 %						
	 R: 14-35-37 S: 26-30 disposal: 11						

Code-Number
A) R/D/AOR
B) C/DVE/C/DVS
C) M/DG/CODE (C/DVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x

24x

8

(1 Box)

(4 Boxes)

(16 Boxes)

30743 Sulphuric acid 95—97%, R. G., Reag ISO, Reag. Ph. Eur. I
Acide sulfurique / Acido sulfúrico

A 8/1A

C 8 1830 2

H_2SO_4 $M = 98,08$ g/mol 1 L \approx 1,84 kg

assay 95—97%
residue on ignition max. 0,0005%
ammonium (NH_4) max. 0,0002%
arsenic (As) max. 0,000001%
lead (Pb) max. 0,00001%
cadmium (Cd) max. 0,00001%
iron (Fe) max. 0,00002%
copper (Cu) max. 0,00001%
heavy metals (as Pb) max. 0,0001%
zinc (Zn) max. 0,00001%
chloride (Cl) max. 0,00002%
nitrate (NO_3) max. 0,00002%
matter reducing $KMnO_4$ (as O) max. 0,0002%



R: 35 S: 2-26-30
disposal: 11

30741 Sulphuric acid 95—97%, R. G., for determination of mercury
Reag ISO, Reag. Ph. Eur. I

A 8/1A

C 8 1830 2

Acide sulfurique / Acido sulfúrico

H_2SO_4 $M = 98,08$ g/mol 1 L \approx 1,84 kg

assay 95—97%
residue on ignition max. 0,0005%
ammonium (NH_4) max. 0,0002%
arsenic (As) max. 0,000001%
lead (Pb) max. 0,00001%
cadmium (Cd) max. 0,00001%
iron (Fe) max. 0,00002%
copper (Cu) max. 0,00001%
mercury (Hg) max. 0,0000005%
zinc (Zn) max. 0,00001%
chloride (Cl) max. 0,00002%
nitrate (NO_3) max. 0,00002%
matters reducing $KMnO_4$ (as O) max. 0,0002%



R: 35 S: 2-26-30
disposal: 11

FL.

1 L

17,25

14,65

13,45

12

FL.

2,5 L

36,—

29,90

28,10

27

FPF.

50 kg

kg

3,50

FPF.

5x

kg

3,35

FPF.

10x

kg

3,20

2808

FL.

2,5 L

51,—

42,35

39,80

38

2808

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
17935 A 8/1A C 8 1831 1	Sulphuric acid 95–97% MOS PURANAL® particle class 1 <i>Acide sulfurique / Acido sulfúrico</i> H_2SO_4 $M = 98,08 \text{ g/mol}$ $1 \text{ L} \approx 1,84 \text{ kg}$ assay 95-97% residue on ignition (as sulphates) max. 5 ppm aluminium (Al) max. 0,05 ppm ammonium (NH_4) max. 2 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm chloride (Cl) max. 0,1 ppm nitrate (NO_3) max. 0,2 ppm phosphate (PO_4) max. 0,5 ppm matters reducing KMnO_4 (as O) max. 2 ppm	FL. 2808	2,5 L	price on request			



R: 35 S: 2-26-30
disposal: 11

Code-Number
A) RHD/ADR
B) GSV/CEV
C) MGS/CEE (GSV/CEV)

Type of package
B.T.N.

Price per package DM

1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes)

17831 Sulphuric acid 95–97%, PURANAL®
Acide sulfurique / Acido sulfúrico

A 8/1A
C 8 1830 2

H_2SO_4 $M = 98,08$ g/mol 1 L ≈ 1,84 kg

assay 95–97%
residue on ignition (as sulphates) max. 5 ppm
aluminium (Al) max. 0,05 ppm
ammonium (NH₄) max. 2 ppm
antimony (Sb) max. 0,01 ppm
arsenic (As) max. 0,01 ppm
barium (Ba) max. 0,1 ppm
beryllium (Be) max. 0,01 ppm
lead (Pb) max. 0,02 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,01 ppm
gallium (Ga) max. 0,02 ppm
iron (Fe) max. 0,1 ppm
gold (Au) max. 0,02 ppm
indium (In) max. 0,02 ppm
potassium (K) max. 0,1 ppm
cobalt (Co) max. 0,01 ppm
copper (Cu) max. 0,01 ppm
lithium (Li) max. 0,02 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,01 ppm
molybdenum (Mo) max. 0,01 ppm
sodium (Na) max. 0,2 ppm
nickel (Ni) max. 0,01 ppm
platinum (Pt) max. 0,02 ppm
silver (Ag) max. 0,02 ppm
strontium (Sr) max. 0,02 ppm
thallium (Tl) max. 0,02 ppm
titanium (Ti) max. 0,01 ppm
vanadium (V) max. 0,01 ppm
bismuth (Bi) max. 0,02 ppm
zinc (Zn) max. 0,05 ppm
tin (Sn) max. 0,02 ppm
zirconium (Zr) max. 0,01 ppm
chloride (Cl) max. 0,1 ppm
nitrate (NO₃) max. 0,2 ppm
KMnO₄ red. matter (as O) max. 2 ppm



R: 35 S: 2-26-30
disposal: 11

07208 Sulphuric acid 95–97%, chem. pure
Acide sulfurique / Acido sulfúrico

A 8/1A
C 8 1830 2

H_2SO_4 $M = 98,08$ g/mol 1 L ≈ 1,84 kg

assay 95–97%
residue on ignition 0,001%
arsenic (As) 0,000005%
iron (Fe) 0,0002%
heavy metals (as Pb) 0,0005%
chloride (Cl) 0,0001%
nitrate (NO₃) 0,0001%
matter reducing KMnO₄ (as O) 0,0002%



R: 35 S: 2-26-30
disposal: 11

30771 Sulphuric acid 90–91%, for fat determination according to Gerber and determination of nitrates in milk
Acide sulfurique / Acido sulfúrico

A 8/1A
C 8 1830 2








H_2SO_4 $M = 98,08$ g/mol 1 L ≈ 1,82 kg

assay 90–91%
density (D₁₅¹⁵) 1,820–1,825
nitrate (NO₃) max. 0,00002%
test for oily and fatty substances passes test



R: 35 S: 2-26-30
disposal: 11

Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	9x (16 Boxes)
FL.	2,5 L	price on request			
FPF.	50 kg	price on request			
F.	180 kg	price on request			
2808					
FL.	1 L	15,75	13,40	12,60	12
FL.	2,5 L	32,75	27,20	25,55	24
PK.	5 L	59,—	48,95	46,—	44
FPF.	50 kg	kg	3,20		
FPF.	5x	kg	3,—		
FPF.	10x	kg	2,85		
FPF.	20x	kg	2,70		
FPF.	50x	kg	2,65		
2808					
FL.	500 ml	11,75	10,—	9,40	9
FL.	2,5 L	35,75	29,65	27,90	26
2808					

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
30728 A 8/1C C 8 1830 2	Sulphuric acid 40%, according to Knipping, for the determination of the metabolism of gas <i>Acide sulfurique / Acido sulfúrico</i> H_2SO_4 $M = 98,08$ g/mol $1\text{ L} \approx 1,30$ kg  R: 35 S: 2-26-30 disposal: 1	FL.	1 L	16,—	13,60	12,80	12,30
		FL. 2808	2,5 L	32,50	27,—	25,35	24,40
30740 A 8/1A C 8 1831 1	Sulphuric acid chem. pure, with about 15% phosphorus pentoxide, R. G., for the determination of nitrogen according to Kjeldahl <i>Acide sulfurique / Acido sulfúrico</i> $1\text{ L} \approx 1,86$ kg assay of P_2O_5 ca. 15% assay of SO_3 ca. 65% total nitrogen (N) max. 0,01%  R: 35 S: 2-26-30 disposal: 11	FL.	1 L	84,—	71,40	67,20	64,70
		FL. 2808					
30727 A 8/1C C 8 1830 2	Sulphuric acid on carrier for desiccators <i>Acide sulfurique / Acido sulfúrico</i> $1\text{ L} \approx 0,33$ kg  R: 35 S: 2-26-30 disposal: 1	WG.	1 L	15,—	12,75	12,—	11,55
		3819					
38308	0,005 mol Sulphuric acid FIXANAL® 0,4904 g H_2SO_4 for 1 L 0,01 N solution <i>0,005 mol Acide sulfurique / 0,005 mol Acido sulfúrico</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,55
38306	$1/56$ mol Sulphuric acid FIXANAL® 1,751 g H_2SO_4 for 1 L $1/28$ N solution <i>$1/56$ mol Acide sulfurique / $1/56$ mol Acido sulfúrico</i> ampoule	3819	1 pack	16,25	13,80	13,—	12,20
38299 A 8/1C C 8 1830 2	 R: 36/38 S: 2-26 disposal: 1 $1/13,49$ mol Sulphuric acid FIXANAL® for determination of phosphorus in iron (1 ml $\hat{=}$ 0,01% phosphorus in 2 grammes of substance) 7,270 g for 1 Liter $1/6,745$ solution; for iron-works laboratories <i>$1/13,49$ mol Acide sulfurique / $1/13,49$ mol Acido sulfúrico</i> ampoule	3819	1 pack	11,50	9,80	9,20	8,65
38290 A 8/1C C 8 1830 2	0,05 mol Sulphuric acid FIXANAL® 4,904 g H_2SO_4 for 1 L 0,1 N solution <i>0,05 mol Acide sulfurique / 0,05 mol Acido sulfúrico</i> ampoule	3819	1 pack	8,75	7,45	7,—	6,55
38295 A 8/1C C 8 1830 2	 R: 36/38 S: 2-26 disposal: 1 0,25 mol Sulphuric acid FIXANAL® 24,519 g H_2SO_4 for 1 L 0,5 N solution <i>0,25 mol Acide sulfurique / 0,25 mol Acido sulfúrico</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38294 A 8/1C C 8 1830 2	 R: 35 S: 2-26-30 disposal: 1 0,5 mol Sulphuric acid FIXANAL® 49,039 g H_2SO_4 for 1 L 1 N solution <i>0,5 mol Acide sulfurique / 0,5 mol Acido sulfúrico</i> ampoule	3819	1 pack	11,25	9,55	9,—	8,45
	 R: 35 S: 2-26-30 disposal: 1						

Code-Number
A) R.O.V.A. 208
B) R.O.V.E. 208 V.S.
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

(16)

38291 1,0 mol Sulphuric acid FIXANAL® 98,078 g H₂SO₄ ≙ 2
A 8/1C equivalents
C 8 1830 2 1,0 mol Acide sulfurique / 1,0 mol Acido sulfúrico

bottle



R: 35 S: 2-26-30
disposal: 1

38292 5 mol Sulphuric acid FIXANAL® 490,39 g H₂SO₄ ≙ 10
A 8/1C equivalente
C 8 1830 2 5 mol Acide sulfurique / 5 mol Acido sulfúrico

bottle



R: 35 S: 2-26-30
disposal: 1

35358 Sulphuric acid 0,05 mol/l 0,1 N volumetric solution Ph. Eur. I
Acide sulfurique 0,05 mol/l / Acido sulfúrico 0,05 mol/l

1 L ≈ 1,01 kg

35357 Sulphuric acid 0,1 mol/l 0,2 N volumetric solution Ph. Eur. I
Acide sulfurique 0,1 mol/l / Acido sulfúrico 0,1 mol/l

1 L ≈ 1,01 kg

35355 Sulphuric acid 0,25 mol/l 0,5 N volumetric solution Ph. Eur. I
Acide sulfurique 0,25 mol/l / Acido sulfúrico 0,25 mol/l

1 L ≈ 1,02 kg

35354 Sulphuric acid 0,5 mol/l 1 N volumetric solution Ph. Eur. I
Acide sulfurique 0,5 mol/l / Acido sulfúrico 0,5 mol/l

1 L ≈ 1,03 kg

09022 Sulphuric acid-d₂ deuteration degree not less
A 8/1A than 99 atom % D
C 8 1831 1 Acide sulfurique-d₂ / Acido sulfúrico-d₂

D₂SO₄ M = 100,08 g/mol

1 L ≈ 1,86 kg



R: 35 S: 2-26-30
disposal: 11

Sulphur monochloride see Sulphur chloride

Sulphurous acid water solution see Sulphur dioxide

Sulphurous anhydride see Sulphur dioxide

Sulphurous oxychloride see Thionyl chloride

60389 Sulphuryl chloride PROSYNTH®
A 8/11A Sulfuryle chlorure / Sulfurilo cloruro
C 8 1760 2

SO₂Cl₂ M = 134,97 g/mol

1 L ≈ 1,66 kg

assay 99%
boiling range 67–69 °C
refractive index (n_D²⁰) 1,443



R: 14-34-37 S: 26
disposal: 11

Super acid see Sulphuric acid fuming

Supercell see Kieselguhr

35790 Swep min. 99% PESTANAL® [Methyl-N-(3,4-dichlorophenyl)-
carbamate]

CH₃C₆H₃NHCOOCH₃

C₈H₇Cl₂NO₂ M = 220,06 g/mol

Synergist, effect-promoting substance see appendix
PESTANAL®

3819

1 pack 19,50 16,60 15,60 1

3819

1 pack 43,— 36,55 34,40 3

PF.

1 L 12,— 10,20 9,60

PK.

5 L 46,25 38,40 36,10 34

3819

PF.

1 L 12,— 10,20 9,60

3819

PF.

1 L 12,— 10,20 9,60

PK.

5 L 46,25 38,40 36,10 34

3819

PF.

1 L 12,— 10,20 9,60

PK.

5 L 46,25 38,40 36,10 34

3819

FL.

25 ml 59,— 50,15 47,20 4

2851

FL.


1 L 22,75 19,35 18,20 17

2814



FL.

1 g 28,25 24,— 22,60 21

2921

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
63747	Syringaldehyde PROSYNTH® <i>Syringaldéhyde / Siringaldehido</i> <chem>(CH3O)2C6H2(OH)CHO</chem> <chem>C9H10O4</chem> $M = 182,18$ g/mol assay (alkalimetric) 99% melting range 110–112 °C	FL. 2911	1 g	14,—	11,90	11,20	10,50
64840	Syringic acid PROSYNTH® <i>Acide syringique / Acido siríngico</i> <chem>C9H10O5</chem> $M = 198,18$ g/mol <chem>(CH3O)2C6H2(OH)COOH</chem> assay (alkalimetric) 98% melting range 204–207 °C	WG. 2916	10 g	17,50	14,90	14,—	13,15
35756 A 6.1/83 C 6.1 / 3	2,4,5-T min. 99% PESTANAL® (2,4,5-Trichlorophenoxyacetic acid) <chem>Cl3C6H2OCH2COOH</chem> <chem>C6H5Cl3O3</chem> $M = 255,48$ g/mol  R: 20/21/22-40 S: 2-13 disposal: 7	FL. 2916	1 g	19,25	16,35	15,40	14,45
39161	D-Tagatose BIOSYNTH® <i>D-Tagatose / D-Tagatosa</i> package of 250 mg <chem>HOCH2CO(CHOH)3CH2OH</chem> <chem>C6H12O6</chem> $M = 180,16$ g/mol	2913	1 pack	39,—	33,15	31,20	29,25
18654	Talc powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX, Reag. Ph. Eur. I <i>Talc / Talco</i> loss on drying (180 °C, 1h) 0,5% soluble in acid (as sulphates) 2,5% iron (Fe) 0,02% heavy metals (as Pb) 0,002% chloride (Cl) max. 0,005%	PF. S. 2527	2,5 kg 50 kg	21,50 kg	17,85 2,60	16,75	16,15
	TAME see N ^α -Tosyl-L-arginine methyl ester hydrochloride						
16201	Tannic acid pure powder DAB 7, Reag. Ph. Eur. I <i>Acide tannique / Acido tánico</i> loss on drying (105 °C) 6% ash 0,05% ash 0,05% alkalinely reacting impurities passes test dextrines, gum matters, salts, sugars passes test resinous matters passes test resinous matters passes test	PF. PF. PF. FTP. 3201	250 g 500 g 1 kg 25 kg	17,50 30,25 56,— price on request	14,90 25,70 47,60	14,— 24,20 44,80	13,15 23,30 43,10
	Tannin see Tannic acid						
10451	Tantalum powder <i>Tantale / Tántalo</i> <chem>Ta</chem> $M = 180,95$ g/mol assay 99%	FL. 8103	10 g	29,—	24,65	23,20	21,75
0454 A 4.3/2 C 4.3 • 1402 2	Tantalum carbide powder <i>Tantale carbure / Tántalo carburo</i> <chem>TaC</chem> $M = 192,96$ g/mol assay 99%	WG. 2856	10 g	20,75	17,65	16,60	15,55
0455 A 8/12 C 8 1759 2	Tantalum(V) chloride <i>Tantale(V) chlorure / Tántalo(V) cloruro</i> <chem>TaCl5</chem> $M = 358,21$ g/mol assay 99%	WG. 2830	100 g	133,—	113,05	106,40	99,75
10413 A 8/15B C 8 1759 2	Tantalum(V) fluoride <i>Tantale(V) fluorure / Tántalo(V) fluoruro</i> <chem>TaF5</chem> $M = 275,94$ g/mol assay 98,5%	PF. 2829	10 g	82,—	69,70	65,60	61,50

Code-Number A) RID/ADR B) GGVE/GGV8 C) IMDG CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	50x (32 Boxes)
10456	Tantalum(V) oxide Tantale(V) oxyde / Tántalo(V) óxido Ta ₂ O ₅ M = 441,89 g/mol assay 99% Tartar emetic see Potassium antimony tartrate	WG. 2828	10 g	28,25	24,—	22,60	2
33801	L(+)-Tartaric acid R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I Acide L(+)-tartrique / Acido L(+)-tartárico HOOC(CHOH) ₂ COOH C ₄ H ₆ O ₆ M = 150,09 g/mol assay min. 99,5% insoluble in water max. 0,005% sulphated ash max. 0,01% calcium (Ca) max. 0,002% iron (Fe) max. 0,0005% copper (Cu) max. 0,0005% heavy metals (as Pb) max. 0,0005% chloride (Cl) max. 0,0005% oxalate (C ₂ O ₄) passes test phosphate (PO ₄) max. 0,001% total sulphur (as SO ₄) max. 0,005%	PF. PF. PF. PF. 2916	250 g 500 g 1 kg 5 kg	price on request price on request price on request price on request			
27504	L(+)-Tartaric acid chem. pure gritty Ph. Eur. I, B. P. 1973, Ph. Franç. IX Acide L(+)-tartrique / Acido L(+)-tartárico HOOC(CHOH) ₂ COOH C ₄ H ₆ O ₆ M = 150,09 g/mol assay 99,8% specific rotation ([α] _D ²⁰ , c = 20 in H ₂ O) +11,9 to +12,3° loss on drying (105 °C) 0,2% sulphated ash 0,05% arsenic (As) 0,0001% heavy metals (as Pb) 0,0005% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. PF. S. FTP. 2916	1 kg 5 kg 50 kg 50 kg	price on request price on request price on request price on request			
27506	L(+)-Tartaric acid chem. pure powder Ph. Eur. I, B.P. 1973, Ph. Franç. IX Acide L(+)-tartrique / Acido L(+)-tartárico HOOC(CHOH) ₂ COOH C ₄ H ₆ O ₆ M = 150,09 g/mol assay 99,8% specific rotation ([α] _D ²⁰ , c = 20 in H ₂ O) +11,9 to +12,3° loss on drying (105 °C) 0,2% sulphated ash 0,05% arsenic (As) 0,0001% heavy metals (as Pb) 0,0005% chlorid (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. S. FTP. 2916	1 kg 50 kg 50 kg	price on request price on request price on request			
63176	D(-)-Tartaric acid for resolution of racemates PROSYNTH® Acide D(-)-tartrique / Acido D(-)-tartárico HOOC(CHOH) ₂ COOH C ₄ H ₆ O ₆ M = 150,09 g/mol assay (alkalimetric) 99% melting range 168—170 °C spec. rotation ([α] _D ²⁰ ; c = 10 in H ₂ O) -13° ± 1°	WG. 2916	10 g	price on request			
63923	DL-Tartaric acid PROSYNTH® Acide DL-tartrique / Acido DL-tartárico HOOC(CHOH) ₂ COOH C ₄ H ₆ O ₆ M = 150,09 g/mol assay (alkalimetric) 99% melting range 204—206 °C (disint.)	WG. 2916	25 g	price on request			

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
63177	meso-Tartaric acid monohydrate PROSYNTH® <i>Acide meso-tartrique monohydrate / Acido meso-tartárico monohidrato</i> $\text{HOOC}(\text{CHOH})_2\text{COOH} \cdot \text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_6 \cdot \text{H}_2\text{O} \quad M = 168,10 \text{ g/mol}$ assay (alcalimetric) 98%	WG. 2916	10 g	price on request			
33925	Tartrazine adsorption indicator (C. I. No. 19140, S. No. 737) <i>Tartrazine / Tartracina</i> $\text{NaO}_3\text{SC}_6\text{H}_4\text{NN}=\text{C}(\text{COONa})\text{C}(\text{N}=\text{NC}_6\text{H}_4\text{SO}_3\text{Na})=\text{COH}$ $\text{C}_{16}\text{H}_9\text{N}_4\text{Na}_3\text{O}_9\text{S}_2 \quad M = 534,37 \text{ g/mol}$	WG. 3205	100 g	18,50	15,75	14,80	13,90
36083	Tashiro's indicator <i>Indicateur de Tashiro / Indicador de Tashiro</i> 1 L \approx 0,79 kg	FL. 3819	250 ml 1 L	10,— 25,25	8,50 21,45	8,— 20,20	7,50 19,45
	 R: 11 S: 7-16 disposal: 6						
63057	Taurine PROSYNTH® <i>Taurine / Taurina</i> $\text{NH}_2\text{CH}_2\text{CH}_2\text{SO}_3\text{H}$ $\text{C}_2\text{H}_7\text{NO}_3\text{S} \quad M = 125,15 \text{ g/mol}$ assay (ex N) 99% melting range 328—330 °C (disint.)	WG. 2922	250 g	35,—	29,75	28,—	26,25
64132	Taurocholic acid sodium salt PROSYNTH® <i>Acide taurocholique sel sodique / Acido taurocólico, sal sódica</i> $\text{C}_{26}\text{H}_{44}\text{NNaO}_7\text{S} \quad M = 537,69 \text{ g/mol}$ consists mainly of a mixture of sodium taurocholate and sodium glycocholate	WG. 2931	100 g	26,25	22,30	21,—	19,70
35779	TCA min. 99% PESTANAL® (Sodium trichloroacetate) Cl_3CCOONa $\text{C}_2\text{Cl}_3\text{NaO}_2 \quad M = 185,37 \text{ g/mol}$	FL. 2914	1 g	18,—	15,30	14,40	13,50
	 R: 22 S: 24/25 disposal: 7						
35868	Tecnazene min. 99% PESTANAL® (2,3,5,6-Tetrachlornitrobenzene) $\text{C}_6\text{HCl}_4\text{NO}_2 \quad M = 260,89 \text{ g/mol}$	FL. 2903	1 g	28,25	24,—	22,60	21,20
14776	Tellurium pure powder <i>Tellure / Telurio</i> Te $M = 127,60 \text{ g/mol}$ assay 99,5% lead (Pb) 0,01% selenium (Se) 0,01% total sulphur (S) 0,01%	WG. 2804	50 g 100 g	27,75 50,50	23,60 42,95	22,20 40,40	20,80 37,90
14800	Tellurium(IV) chloride <i>Tellure(IV) chlorure / Telurio(IV) cloruro</i> TeCl ₄ $M = 269,41 \text{ g/mol}$	WG. 2814	100 g	49,50	42,10	39,60	37,15
10457	Tellurium dioxide <i>Tellure dioxyde / Telurio dióxido</i> TeO ₂ $M = 159,60 \text{ g/mol}$ assay 99%	FL. 2813	1 g	12,75	10,85	10,20	9,55

Code Number
A) H.C. 100
B) CAS/EC/CEVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM
1x 6x 24x 9x
(1 Box) (4 Boxes) (18 Boxes) (18 Boxes)

Code Number	Name	Type of package B.T.N.	1 g	1x (1 Box)	6x (4 Boxes)	24x (18 Boxes)	9x (18 Boxes)
35907	Telodrine min. 99% PESTANAL® A 6.1/910 <chem>C9H9ClO</chem> $M = 411,75$ g/mol C 6.1 1615 2	FL. 2902	1 g	31,50	26,80	25,20	23
10590	Terbium <i>Terbium / Terbio</i> Tb $M = 158,93$ g/mol assay 99%	FL. 2805	1 g	80,—	68,—	64,—	60
10593	Terbium(III) chloride <i>Terbium(III) chlorure / Terbio(III) cloruro</i> TbCl ₃ $M = 265,28$ g/mol assay 99%	FL. 2852	1 g	119,—	101,15	95,20	89
10591	Terbium fluoride C 6.1 2811 3 <i>Terbium fluorure / Terbio fluoruro</i> TbF ₃ $M = 215,92$ g/mol assay 99%	FL. 2852	1 g	69,—	58,65	55,20	51
10592	Terbium oxide <i>Terbium oxyde / Terbio óxido</i> Tb ₄ O ₇ $M = 747,70$ g/mol assay 99%	FL. 2852	1 g	20,25	17,20	16,20	15
35869	Terbutryne min. 99% PESTANAL® (2-tert.-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine) $N = C[NHC(CH_3)_3]N = C[NHCH_2CH_3]NCSCH_3$ C ₁₀ H ₁₉ N ₅ S $M = 241,36$ g/mol	FL. 2935	1 g	56,50	48,05	45,20	42
63058	Terephthalaldehyde PROSYNTH® <i>Aldéhyde téréphtalique / Aldehido tereftálico</i> C ₈ H ₆ (CHO) ₂ C ₈ H ₆ O ₂ $M = 134,13$ g/mol assay (GC) 99% melting range 114—116 °C	PF. 2911	100 g	42,—	35,70	33,60	31
63059	Terephthalic acid PROSYNTH® <i>Acide téréphtalique / Acido tereftálico</i> C ₈ H ₆ (COOH) ₂ C ₈ H ₆ O ₄ $M = 166,13$ g/mol assay (alkalimetric) 98%	PF. 2915	1 kg	23,—	19,55	18,40	17
Terephthalic acid dichloride see Terephthaloyl dichloride							
Terephthalic acid dinitrile see Terephthalodinitrile							
63061	Terephthalodinitrile PROSYNTH® <i>Téréphtalodinitrile / Tereftalodinitrilo</i> C ₈ H ₄ (CN) ₂ C ₈ H ₄ N ₂ $M = 128,13$ g/mol assay (ex N) 98% melting range 220—222 °C	PF. 2927	100 g	105,50	89,70	84,40	79
60398	Terephthaloyl dichloride PROSYNTH® <i>Acide téréphtalylique dichlorure / Acido tereftálico dicloruro</i> C ₈ H ₄ (COCl) ₂ C ₈ H ₄ Cl ₂ O ₂ $M = 203,02$ g/mol assay (ex Cl) 98% melting range 79—81 °C	WG. 2915	250 g	28,50	24,25	22,80	21
56025	p-Terphenyl for scintillation <i>p-Terphényle / p-Terfenilo</i> C ₆ H ₅ C ₆ H ₄ C ₆ H ₅ C ₁₈ H ₁₄ $M = 230,31$ g/mol	WG. 2901	100 g	48,75	41,45	39,—	36
2,2',6',2''-Terpyridine see α,α',α''-Tripyridyl							

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
Test sets AQUANAL® for quantitative analysis of aqueous solutions (e.g. waste water)...							
36401	Test set cobalt(II)/nickel(II) AQUANAL® for quantitative determination of 0,5—10 mg/l (ppm) Co, 0,5—10 mg/l (ppm) Ni <i>Jeu d'essay cobalt(II)/nickel(II) / Testset cobalto(II)/niquel(II)</i>	3819	1 pack	31,75	27,—	25,40	23,80
36407	Test set cobalt(II)/nickel(II) AQUANAL® for quantitative determination of 5—100 mg/l (ppm) Co, 5—100 mg/l (ppm) Ni <i>Jeu d'essay cobalt(II)/niquel(II) / Testset cobalto(II)/ niquel(II)</i>	3819	1 pack	31,75	27,—	25,40	23,80
36400	Test set copper(II) AQUANAL® for quantitative determination of 0,5—10 mg/l (ppm) Cu <i>Jeu d'essay cuivre(II) / Testset cobre(II)</i>	3819	1 pack	28,75	24,45	23,—	21,55
36406	Test set copper(II) AQUANAL® for quantitative determination of 5—100 mg/l (ppm) Cu <i>Jeu d'essay cuivre(II) / Testset cobre(II)</i>	3819	1 pack	28,75	24,45	23,—	21,55
36403	Test set cyanide AQUANAL® for quantitative determination of 0,5—10 mg/l (ppm) CN <i>Jeu d'essay cyanure / Testset cianuro</i>	3819	1 pack	33,75	28,70	27,—	25,30
36409	Test set cyanide AQUANAL® for quantitative determination of 5—100 mg/l (ppm) CN <i>Jeu d'essay cyanure AQUANAL® / Testset cianuro AQUANAL®</i>	3819	1 pack	33,75	28,70	27,—	25,30
36408	Test set iron(III) AQUANAL® for quantitative determination of 5—100 mg/l (ppm) Fe <i>Jeu d'essay fer(III) / Testset hierro(III)</i>	3819	1 pack	28,75	24,45	23,—	21,55
36402	Test set iron(III)/titanium(IV)/vanadium(V) AQUANAL® for quantitative determination of 0,5—10 mg/l (ppm) Fe, 0,5—10 mg/l (ppm) Ti, 0,5—10 mg/l (ppm) V <i>Jeu d'essay fer(III)/titane(IV)/vanadium(V) / Testset hierro(III)/titano(IV)/vanadio(V)</i>	3819	1 pack	28,75	24,45	23,—	21,55
36420	Test set salt AQUANAL® for quantitative determination of 50—3000 mg/l (ppm) salt (as NaCl) <i>Jeu d'essay sel / Testset sal</i>	3819	1 pack	31,75	27,—	25,40	23,80
36421	Test set salt AQUANAL® for quantitative determination of 1000—40000 mg/l (ppm) salt (as NaCl) <i>Jeu d'essay sel / Testset sal</i>	3819	1 pack	31,75	27,—	25,40	23,80
36424	Test set sulphide AQUANAL® for quantitative determination of 0,5—10 mg/l (ppm) S <i>Jeu d'essay sulfure / Testset sulfuro</i>	3819	1 pack	33,75	28,70	27,—	25,30
36405	Test set sulphide AQUANAL® for quantitative determination of 5—50 mg/l (ppm) S <i>Jeu d'essay sulfure / Testset sulfuro</i>	3819	1 pack	33,75	28,70	27,—	25,30

Code-Number
A: MD/ADR
B: CDE/CEVS
C: MDG-CODE (GGV-Set)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	96x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

	Control sets AQUANAL® for the indication of disturbances (according to addition method) at the quantitative analysis of watery solutions					
36412	Control set cobalt(II) AQUANAL® for the indication of disturbances at the determination of 0,5— 10 mg/l (ppm) Co <i>Set de contrôle cobalt(II) / Set de control cobalto(II)</i>	3819	1 pack	31,75	27,—	25,40 23
36413	Control set cobalt(III) AQUANAL® for the indication of disturbances at the determination of 5— 100 mg/l (ppm) Co <i>Set de contrôle cobalt(II) / Set de control cobalto(II)</i>	3819	1 pack	31,75	27,—	25,40 23
36411	Control set iron(III) AQUANAL® for the indication of disturbances at the determination of 5— 100 mg/l (ppm) Fe <i>Set de contrôle fer(III) / Set de control hierro(III)</i>	3819	1 pack	28,75	24,45	23,— 21
36414	Control set copper(II) AQUANAL® for the indication of disturbances at the determination of 0,5— 10 mg/l (ppm) Cu <i>Set de contrôle cuivre(II) / Set de control cobre(II)</i>	3819	1 pack	28,75	24,45	23,— 21
36415	Control set copper(II) AQUANAL® for the indication of disturbances at the determination of 5— 100 mg/l (ppm) Cu <i>Set de contrôle cuivre(II) / Set de control cobre(II)</i>	3819	1 pack	28,75	24,45	23,— 21
36410	Control set iron(III) AQUANAL® for the indication of disturbances at the determination of 0,5— 10 mg/l (ppm) Fe <i>Set de contrôle fer(III) / Set de control hierro(III)</i>	3819	1 pack	28,75	24,45	23,— 21
36416	Control set nickel(II) AQUANAL® for the indication of disturbances at the determination of 0,5— 10 mg/l (ppm) Ni <i>Set de contrôle nickel(II) / Set de control niquel(II)</i>	3819	1 pack	31,75	27,—	25,40 23
36417	Control set nickel(II) AQUANAL® for the indication of disturbances at the determination of 5— 100 mg/l (ppm) Ni <i>Set de contrôle nickel(II) / Set de control niquel(II)</i>	3819	1 pack	31,75	27,—	25,40 23
36418	Control set titanium(IV) AQUANAL® for the indication of disturbances at the determination of 0,5— 10 mg/l (ppm) Ti <i>Set de contrôle titane(IV) / Set de control titanio(IV)</i>	3819	1 pack	28,75	24,45	23,— 21

2,3,4,6-Tetraacetyl- α -D-glucose-1-bromide see
 α -Acetobromoglucose


02876	Tetrabromobisphenol A					
A 6.1	<i>Tétrabromobisphénol A / Tetrabromobisferol A</i>	FL.	1 kg	56,50	48,05	45,20 43
C 6.1 2811 3	(HOC ₆ H ₂ Br ₂) ₂ C(CH ₃) ₂ C ₁₅ H ₁₂ Br ₄ O ₂ M = 543,87 g/mol	2907				

Tetrabromo-m-cresolsulphonphthalein see Bromocresol
green

02826	1,1,2,2-Tetrabromoethane (Acetylene tetrabromide)					
A 6.1/62B	<i>1,1,2,2-Tétrabromoéthane / 1,1,2,2-Tetrabromoetano</i>	FL.	250 ml	41,75	35,50	33,40 31
C 6.1 2504 3	CHBr ₂ CHBr ₂ C ₂ H ₂ Br ₄ M = 345,65 g/mol	FL.	1 L	139,—	118,15	111,20 107
		STP.	50 kg	price on request		
		2902				




R 26-36 S: 1-24-27-45
disposal: 13

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
33704	1,1,2,2-Tetrabromoethane D ²⁰ 2,96—2,97 (Muthmann's liquid) for separation of mineral mixtures <i>1-1-2-2-Tétrabromoéthane / 1,1,2,2-Tetrabromoetano</i> CHBr ₂ CHBr ₂ C ₂ H ₂ Br ₄ M = 345,65 g/mol 1 L ≈ 2,96 kg  R: 26-36 S: 1-24-27-45 disposal: 13 Tetrabromomethane see Carbon tetrabromide	FL. FL. 2902	100 ml 250 ml	25,25 57,—	21,45 48,45	20,20 45,60	18,95 42,75
33903	Tetrabromophenol blue indicator <i>Bleu de tétrabromophénol / Azul de tetrabromofenol</i> C ₁₉ H ₆ Br ₈ O ₅ S M = 985,55 g/mol	FL. 3205	1 g	18,75	15,95	15,—	14,05
33767	3,3',5,5'-Tetrabromophenolphthalein ethyl ester potassium salt R. G. <i>3-3'-5-5'-Tétrabromophénolphtaléine éthyl ester sel potassique / 3,3',5,5'-Tetrabromofenolftaleina etilester sal potásica</i> C ₂₂ H ₁₃ Br ₄ KO ₄ M = 700,06 g/mol	FL. 2935	5 g	221,—	187,85	176,80	165,75
3067	Tetrabromophenolsulphonphthalein see Bromophenol blue Tetrabromophthalic anhydride PROSYNTH® <i>Anhydride tétrabromophtalique / Anhidrido tetrabromoftálico</i> Br ₄ C ₆ COO ₂ C C ₈ Br ₄ O ₃ M = 463,70 g/mol assay (ex Br) 98% melting range 269—271 °C	PF. 2915	250 g	30,—	25,50	24,—	22,50
3748	α,α,α',α'-Tetrabromo-m-xylene PROSYNTH® <i>α-α-α'-α'-Tétrabromo-m-xylène / α,α,α',α'-Tetrabromo-m-xileno</i> C ₆ H ₄ (CHBr ₂) ₂ C ₈ H ₆ Br ₄ M = 421,75 g/mol assay (GC) 97% melting range 105—107 °C	WG. 2902	50 g	34,—	28,90	27,20	25,50
4848	α,α,α',α'-Tetrabromo-o-xylene PROSYNTH® <i>α-α-α'-α'-Tétrabromo-o-xylène / α,α,α',α'-Tetrabromo-o-xileno</i> C ₆ H ₄ (CHBr ₂) ₂ C ₈ H ₆ Br ₄ M = 421,77 g/mol assay (GC) 99% melting range 115—117 °C	WG. 2902	250 g	138,50	117,75	110,80	103,90
5092	Tetrabutylammonium chloride PROSYNTH® <i>Tétrabutylammonium chlorure / Tetrabutylamonio cloruro</i> (CH ₃ CH ₂ CH ₂ CH ₂) ₄ N(Cl) C ₁₆ H ₃₆ ClN M = 277,92 g/mol assay (ex Cl) 95%	WG. 2924	10 g	10,25	8,70	8,20	7,70
4349	Tetrabutylammonium iodide PROSYNTH® <i>Tétrabutylammonium iodure / Tetrabutylamonio yoduro</i> (CH ₃ CH ₂ CH ₂ CH ₂) ₄ N(J) C ₁₆ H ₃₆ JN M = 369,37 g/mol assay (ex J) 99% melting range 145—147 °C	WG. 2924	100 g	32,75	27,85	26,20	24,55

Code Number
A) HSD/ADR
B) GSVS/EGVS
C) MDG-CODE (GGVS-see)

63070 Tetrabutyltin PROSYNTH®
A 6.1/81F2 Tétrabutylétain / Tetrabutilestaño
C 6.1 2010 2 $(CH_3CH_2CH_2CH_2)_4Sn$ $1 L \approx 1,05 kg$
 $C_{16}H_{36}Sn$ $M = 347,15 g/mol$
 assay (GC) 97%
 boiling range 143–145 °C
 refractive index (n_D^{20}) 1,474

 R: 23/24/25 S: 2-13-44
 disposal: 10

FL.
2934


100 ml 26,75 22,75 21,40 20

20924 Tetracaine hydrochloride Ph. Eur. I, B. P. 1973, Ph. Franç. IX
Tétracaine chlorhydrate / Tetracaino clorhidrato
 $CH_3(CH_2)_3NHC_6H_4COOCH_2CH_2N(CH_3)_2 \cdot HCl$
 $C_{15}H_{25}ClN_2O_2$ $M = 300,83 g/mol$
 assay (for dry substance, perchloric acid titration) 99%
 melting range 146–151 °C
 loss on drying (150 °C) 0,5%
 sulphated ash 0,1%

PF.
2923

1 kg 273,—


65093 2,3,5,6-Tetrachloroaniline PROSYNTH®
A 6.1/21E 2-3-5-6-Tétrachloroaniline / 2,3,5,6-Tetracloroanilina
C 6.1 2811 2 $NH_2C_6HCl_4$
 $C_6H_3Cl_4N$ $M = 230,91 g/mol$
 assay (ex Cl) 98%
 melting range 106–108 °C

 R: 23/24/25-33 S: 28-36/37-44
 disposal: 7

WG.
2922

10 g 19,— 16,15 15,20 14

65094 2,3,4,5-Tetrachloroaniline PROSYNTH®
A 6.1/21E 2-3-4-5-Tétrachloroaniline / 2,3,4,5-Tetracloroanilina
C 6.1 2811 2 $NH_2C_6HCl_4$
 $C_6H_3Cl_4N$ $M = 230,91 g/mol$
 assay (ex Cl) 97%
 melting range 115–118 °C

 R: 23/24/25-33 S: 28-36/37-44
 disposal: 7

WG.
2922

10 g 23,— 19,55 18,40 17

Tetrachloroauric(III) acid see Chloroauric acid
64851 1,2,3,4-Tetrachlorobenzene PROSYNTH®
Tétrachloro-1-2-3-4-benzène / 1,2,3,4-Tetraclorobenceno
 $C_6H_2Cl_4$ $M = 215,89 g/mol$
 assay (GC) 99%
 melting range 45–47 °C

WG.
2902

100 g 54,— 45,90 43,20 40

63749 meso-1,2,3,4-Tetrachlorobutane PROSYNTH®
meso-1-2-3-4-Tétrachlorobutane / meso-1,2,3,4-Tetraclorobutano
 $CH_2ClCHClCHClCH_2Cl$
 $C_4H_6Cl_4$ $M = 195,90 g/mol$
 assay (ex Cl) 98%
 melting range 72–75 °C

WG.
2902






100 g 25,25 21,45 20,20 18

65095 Tetrachlorocyclopropene PROSYNTH®
Tétrachlorocyclopropène / Tetraclorociclopropeno
 C_3Cl_4 $M = 177,85 g/mol$
 assay (GC) 97%
 boiling range 126–129 °C
 refractive index (n_D^{20}) 1,505

FL.
2902

1 g 23,— 19,55 18,40 17

1,2,4,5-Tetrachloro-3,6-dioxocyclohexadiene-(1,4)
 see Chloranil

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
30863	1,1,2,2-Tetrachloroethane min. 99,9% for gas chromatography	FL. 2902	5 ml	49,25	41,85	39,40	36,95
A 6.1/12C							
C 6.1 1702 2	Tétrachloro-1-1-2-2-éthane / 1,1,2,2-Tetracloroetano						
	CHCl ₂ CHCl ₂						
	C ₂ H ₂ Cl ₄ M = 167,85 g/mol						
	1 L ≈ 1,59 kg						
							
	R: 26/27 S: 2-38-45						
	disposal: 13						
16209	1,1,2,2-Tetrachloroethane chem. pure	FL.	1 L	16,50	14,05	13,20	12,70
A 6.1/12C	Tétrachloro-1-1-2-2-éthane / 1,1,2,2-Tetracloroetano	FL.	2,5 L	34,50	28,65	26,90	25,90
C 6.1 1702 2	CHCl ₂ CHCl ₂	EKL. 2902	45 kg	price on request			
	C ₂ H ₂ Cl ₄ M = 167,85 g/mol						
	1 L ≈ 1,59 kg						
	boiling range 145—147 °C						
	density (D ₄ ²⁰) 1,598—1,600						
	refractive index (n _D ²⁰) 1,4935—1,4950						
	free acid (as HCl) 0,002%						
							
	R: 26/27 S: 2-38-45						
	disposal: 13						
09073	1,1,2,2-Tetrachloroethane-d ₂ deuteration degree not less than 99 atom % D	A. 2851	10 ml	47,50	40,40	38,—	35,65
A 6.1/12C							
C 6.1 1702 2	Tétrachloro-1-1-2-2-éthane-d ₂ / 1,1,2,2-Tetracloroetano-d ₂						
	CDCl ₂ CDCl ₂						
	C ₂ Cl ₄ D ₂ M = 169,83 g/mol						
	1 L ≈ 1,62 kg						
							
	R: 26/27 S: 2-38-45						
	disposal: 13						
30864	Tetrachloroethylene min. 99,9% for gas chromatography	FL. 2902	5 ml	49,25	41,85	39,40	36,95
C 6.1 1897 3	Tétrachloroéthylène / Tetracloroetileno						
	Cl ₂ C = CCl ₂						
	C ₂ Cl ₄ M = 165,83 g/mol						
	1 L ≈ 1,62 kg						
							
	R: 20/22 S: 2-25						
	disposal: 13						
34927	Tetrachloroethylene SPECTRANAL®	FL.	500 ml	20,50	17,45	16,40	15,80
C 6.1 1897 3	Tétrachloroéthylène / Tetracloroetileno	FL. 2902	2,5 L	78,50	65,15	61,25	58,90
	Cl ₂ C = CCl ₂						
	C ₂ Cl ₄ M = 165,83 g/mol						
	1 L ≈ 1,62 kg						
	assay (GC) min. 99,7%						
	non-volatile matter max. 0,001%						
	water (according to Karl Fischer) max. 0,01%						
	free acid (as HCl) max. 0,001%						
	suitability for UV-spectroscopy						
	transmittance (1 cm cell; reference: water)						
	transmittance/wavelength (nm):						
	min. 20%/290, min. 75%/300, min. 85%/320,						
	min. 90%/340, min. 95%/from 395						
	suitability for IR and NMR spectroscopy ... passes test						
							
	R: 20/22 S: 2-25						
	disposal: 13						

Code Number

A) R.C. ADR
B) D.V.E.R.C.V.S.
C) MDG CODE (GCVSes)

17942 **Tetrachloroethylene MOS PURANAL®** particle class 0
C 6.1 1897 3 *Tetrachloroethylene / Tetracloroetileno*

$\text{Cl}_2\text{C} = \text{CCl}_2$	1 L = 1,62 kg
C_2Cl_4 $M = 185,83 \text{ g/mol}$	
assay (GC)	min. 99,7%
boiling range	120—122°C
density (D_4^{20})	1,622—1,624
refractive index (n_D^{20})	1,5050—1,5060
non-volatile matter	max. 5 ppm
water (according to Karl Fischer)	max. 50 ppm
free acid (as HCl)	max. 5 ppm
free alkali (as NaOH)	max. 1 ppm
aluminium (Al)	max. 0,05 ppm
antimony (Sb)	max. 0,01 ppm
arsenic (As)	max. 0,01 ppm
barium (Ba)	max. 0,1 ppm
beryllium (Be)	max. 0,01 ppm
lead (Pb)	max. 0,02 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,01 ppm
calcium (Ca)	max. 0,2 ppm
chromium (Cr)	max. 0,01 ppm
iron (Fe)	max. 0,1 ppm
gallium (Ga)	max. 0,02 ppm
gold (Au)	max. 0,02 ppm
indium (In)	max. 0,02 ppm
potassium (K)	max. 0,1 ppm
cobalt (Co)	max. 0,01 ppm
copper (Cu)	max. 0,01 ppm
lithium (Li)	max. 0,02 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,01 ppm
molybdenum (Mo)	max. 0,01 ppm
sodium (Na)	max. 0,2 ppm
nickel (Ni)	max. 0,01 ppm
platinum (Pt)	max. 0,02 ppm
silver (Ag)	max. 0,02 ppm
strontium (Sr)	max. 0,02 ppm
thallium (Tl)	max. 0,02 ppm
titanium (Ti)	max. 0,01 ppm
vanadium (V)	max. 0,01 ppm
bismuth (Bi)	max. 0,02 ppm
zinc (Zn)	max. 0,05 ppm
tin (Sn)	max. 0,02 ppm
zirconium (Zr)	max. 0,01 ppm
free chlorine (Cl)	max. 0,3 ppm
chloride (Cl)	max. 5 ppm






R: 20/22 S: 2-25
disposal: 13

FL.
2902

2,5 L

price on request

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
17941 C 6.1 1897 3	Tetrachloroethylene PURANAL® <i>Tétrachloroéthylène / Tetracloroetileno</i> Cl ₂ C = CCl ₂ C ₂ Cl ₄ M = 165,83 g/mol 1 L ≈ 1,62 kg assay (GC) min. 99,7% boiling range 120–122 °C density (D ₄ ²⁰) 1,622–1,624 refractive index (n _D ²⁰) 1,5050–1,5060 non-volatile matter max. 5 ppm water (according to Karl Fischer) max. 50 ppm free acid (as HCl) max. 5 ppm free alkali (as NaOH) max. 1 ppm aluminium (Al) max. 0,05 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm free chlorine (Cl) max. 0,3 ppm chloride (Cl) max. 5 ppm  R: 20/22 S: 2-25 disposal: 13	FL. 2902	2,5 L	price on request			
16211 C 6.1 1897 3	Tetrachloroethylene <i>Tétrachloréthylène / Tetracloroetileno</i> Cl ₂ C = CCl ₂ C ₂ Cl ₄ M = 165,83 g/mol 1 L ≈ 1,62 kg boiling range 119–121 °C density (D ₄ ²⁰) 1,622–1,624 refractive index (n _D ²⁰) 1,5055–1,5060  R: 20/22 S: 2-25 disposal: 13	FL. FL. EKL. EKL. EKL. 2902	1 L 2,5 L 45 kg 5x 10x	22,75 47,75 kg kg kg	19,35 39,65 4,20 3,90 3,70	18,20 37,25	17,50 35,80
3750 C 6.1/21K C 6.12811 2	2,3,4,5-Tetrachloronitrobenzene PROSYNTH® <i>2-3-4-5-Tétrachloronitrobenzène / 2,3,4,5-Tetracloronitrobenceno</i> C ₆ HCl ₄ NO ₂ M = 260,89 g/mol assay (HPLC) 95% melting range 64–66 °C  R: 23/24/25-33 S: 28-37-44 disposal: 20	WG. 2903	10 g	32,75	27,85	26,20	24,55

Code-Number
A 6.1/21K
B 6.1/21K
C 6.1/21K (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 9x
(1 Box) (4 Boxes) (16 Boxes) (36 Boxes)

63751 2,3,5,6-Tetrachloronitrobenzene PROSYNTH®
A 6.1/21K 2-3-5-6-Tétrachloronitrobenzène /
C 6.1 2811 2 2,3,5,6-Tetrachloronitrobenzene

C6HCl4NO2 M = 260,89 g/mol
assay (ex N) 98%
melting range 98–101 °C



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

100 g 80,— 68,— 64,— 60,—

16249 Tetrachlorophthalic anhydride
Anhydride tétrachlorophthalique / Anhídrido tetracloroftálico

C6Cl4COOCO
C8Cl4O3 M = 285,90 g/mol
assay 99,8%
melting range 253–255 °C

PF.
S.
2915

1 kg 31,50 26,80 25,20 24,—
25 kg price on request

65096 Tetrachloropyrimidine PROSYNTH®
Tétrachloropyrimidine / Tetracloropirimidina

N=CCIN=CCICCI=CCI
C4Cl4N2 M = 217,87 g/mol
assay (ex Cl) 97%
melting range 64–67 °C

FL.
2935

1 g 31,25 26,55 25,— 23,—

35870 Tetrachlorvinphos min. 99% PESTANAL® (O,O-Dimethyl-O-2-chloro-1-[2,4,5-trichlorophenyl]-vinyl phosphoric acid ester)

CCl=CHCCl=CCICH=CC(=CHCl)OP(OCH3)2O

C10H9Cl4O4P M = 385,96 g/mol

keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 20/21/22 S: 2-13
disposal: 7

FL.
2919

1 g 56,50 48,05 45,20 42,—

63072 Tetracosane PROSYNTH®
Tétracosane / Tetracosano

CH3(CH2)22CH3
C24H50 M = 338,66 g/mol
assay (GC) 98%
melting range 50–52 °C

WG.
2901

10 g 17,50 14,90 14,— 12,—

64853 Tetracyanoethylene PROSYNTH®
A 6.1/31 Tétracyanoéthylène / Tetracianoetileno
C 6.1 2811 2 (NC)2C=C(CN)2

C6N4 M = 128,09 g/mol
assay (ex N) 98%
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera



R: 23/24/25 S: 44
disposal: 6

WG.
2927


10 g 70,— 59,50 56,— 5,—

65097 7,7,8,8-Tetracyanoquinodimethane PROSYNTH®
A 6.1/21 Tétracyanoquinodiméthane-7-7-8-8 /
C 6.1 2811 2 7,7,8,8-Tetracyanoquinodimetano

C12H4N4 M = 204,19 g/mol
assay (ex N) 98%
melting range 288–290 °C (disint.)

FL.
2927



1 g 14,25 12,10 11,40 10,—





Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
64854	Tetracyclohexyltin PROSYNTH® <i>Tétracyclohexylétain / Tetraciclohexilestaño</i> $C_{24}H_{44}Sn$ $M = 451,30$ g/mol $[CH_2(CH_2)_4CH]_4Sn$ assay (ex Sn) 95% melting range 260–263 °C keep in refrigerator à stocker dans le réfrigidaire almacenaje en la nevera  R: 23/24/25 S: 2-13-44 disposal: 10	FL. 2934	1 g	40,50	34,45	32,40	30,40
32259	n-Tetradecane min. 99,9% for gas chromatography <i>n-Tétradécane / n-Tetradecano</i> $CH_3(CH_2)_{12}CH_3$ $C_{14}H_{30}$ $M = 198,39$ g/mol 1 L ≈ 0,76 kg	FL. 2901	5 ml	49,25	41,85	39,40	36,95
63752	Tetradecane PROSYNTH® olefin free <i>Tétradécane / Tetradecano</i> $CH_3(CH_2)_{12}CH_3$ $C_{14}H_{30}$ $M = 198,39$ g/mol 1 L ≈ 0,76 kg assay (GC) 98% boiling range 252–254 °C refractive index (n_D^{20}) 1,429	FL. 2901	100 ml	28,75	24,45	23,—	21,55
64855	1,2-Tetradecanecarboxylic acid see Dodecylsuccinic acid Tetradecanedioic acid PROSYNTH® <i>Acide tétradécanedioïque / Acido tetradecanodióico</i> $HOOC(CH_2)_{12}COOH$ $C_{14}H_{26}O_4$ $M = 258,36$ g/mol assay (GC) 99% melting range 124–127 °C	WG. 2915	10 g	68,50	58,25	54,80	51,40
63753	Tetradecanenitrile see Myristonitrile 1-Tetradecanethiol PROSYNTH® <i>Tétradécanethiol-1 / 1-Tetradecanotiol</i> $CH_3(CH_2)_{13}SH$ $C_{14}H_{30}S$ $M = 230,46$ g/mol 1 L ≈ 0,84 kg assay (GC) 96% boiling range (at 29 mbar) 176–178 °C refractive index (n_D^{20}) 1,460	FL. 2931	25 ml	31,50	26,80	25,20	23,65
3073	Tetradecanoic acid see Myristic acid Tetradecanol see Tetradecyl alcohol 1-Tetradecene PROSYNTH® <i>Tétradécène-1 / 1-Tetradeceno</i> $CH_3(CH_2)_{11}CH=CH_2$ $C_{14}H_{28}$ $M = 196,38$ g/mol 1 L ≈ 0,77 kg assay (GC) 97% boiling range 248–250 °C refractive index (n_D^{20}) 1,435	FL. 2901	1 L	226,—	192,10	180,80	174,—
5098	7-Tetradecene mixture of <i>cis</i> and <i>trans</i> isomers PROSYNTH® <i>Tétradécène-7 / 7-Tetradeceno</i> $CH_3(CH_2)_5CH=CH(CH_2)_5CH_3$ $C_{14}H_{28}$ $M = 196,38$ g/mol 1 L ≈ 0,77 kg assay (GC) 97% refractive index (n_D^{20}) 1,438	FL. 2901	25 ml	28,50	24,25	22,80	21,40

Code-Number
A) RID/ADR
B) GGV/CCVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes) (16 Boxes)

63074	Tetradecyl alcohol PROSYNTH® <i>Alcool tétradécylique / Alcohol tetradecílico</i> $\text{CH}_3(\text{CH}_2)_{12}\text{OH}$ $\text{C}_{14}\text{H}_{30}\text{O}$ $M = 214,39$ g/mol assay (GC) 95% melting range $36-38^\circ\text{C}$ Tetradecyl bromide see Bromotetradecane Tetradecylmercaptan see Tetradecanethiol-(1)	PF. 2904	250 g	11,50	9,80	9,20	8,60
02883	N-Tetradecyl-N,N,N-trimethylammonium bromide <i>N-Tétradécyl-N-N-N-triméthylammonium bromure /</i> <i>N-Tetradecil-N,N,N-trimetilamonio bromuro</i> $[\text{CH}_3(\text{CH}_2)_{13}\text{N}^+(\text{CH}_3)_3]^+\text{Br}^-$ $\text{C}_{17}\text{H}_{38}\text{BrN}$ $M = 336,40$ g/mol assay 98% melting range $248-250^\circ\text{C}$ Tetradeuteroacetic acid see Acetic acid-D ₄ Tetradeuteroethylene glycol see Ethylene glycol-D ₄ Tetradeutero malonic acid see Malonic acid-D ₄ Tetradeuteromethanol see Methanol-D ₄ Tetradeutero-3-(trimethylsilyl)-propionic acid sodium salt see 3-(Trimethylsilyl)-propionic acid-D ₄ sodium salt	WG. 2924	100 g	43,25	36,75	34,60	32,00
35759	Tetradiphon min. 99% PESTANAL® (4-Chlorophenyl-2,4,5-trichlorophenyl sulfone) $\text{Cl}_3\text{C}_6\text{H}_2\text{S}(\text{O})_2\text{C}_6\text{H}_4\text{Cl}$ $\text{C}_{12}\text{H}_6\text{Cl}_4\text{O}_2\text{S}$ $M = 356,06$ g/mol	FL. 2931	1 g	21,50	18,30	17,20	16,00
65099	Tetradodecyltin PROSYNTH® <i>Etain tétradodécylique / Estaño tetradodecilo</i> $[\text{CH}_3(\text{CH}_2)_{11}]_4\text{Sn}$ $\text{C}_{48}\text{H}_{100}\text{Sn}$ $M = 796,01$ g/mol 1 L ≈ 0,80 kg keep in refrigerator à stocker dans le réfrigérateur almacenaje en la nevera  R: 23/24/25 S: 2-13-44 disposal: 10	FL. 2934	5 ml	37,—	31,45	29,60	27,00
65168	1,1,3,3-Tetraethoxypropane PROSYNTH® <i>Tétra-1-1-3-3-éthoxypropane / 1,1,3,3-Tetraetoxipropano</i> $(\text{C}_2\text{H}_5\text{O})_2\text{CHCH}_2\text{CH}(\text{OC}_2\text{H}_5)_2$ $\text{C}_{11}\text{H}_{24}\text{O}_4$ $M = 220,31$ g/mol 1 L ≈ 0,92 kg assay (GC) 98% refractive index (n_D^{20}) 1,411	FL. 2908	500 ml	77,50	65,90	62,—	59,00
65169	Tetraethylammonium bromide PROSYNTH® <i>Tetraethylammonium bromure / Tetraetilamonio bromuro</i> $[(\text{C}_2\text{H}_5)_4\text{N}]\text{Br}$ $\text{C}_8\text{H}_{20}\text{BrN}$ $M = 210,16$ g/mol assay (ex Br) 99% melting range $284-286^\circ\text{C}$ (disint.)	WG. 2924	250 g	18,—	15,30	14,40	13,00
16269	Tetraethylammonium fluoride solution 60% in water <i>Tetraéthylammonium fluorure en solution / Tetraetilamonio fluoruro en solución</i> $[(\text{C}_2\text{H}_5)_4\text{N}]\text{F}$ $\text{C}_8\text{H}_{20}\text{FN}$ $M = 149,25$ g/mol  R: 23/24/25 S: 1/2-26-44 disposal: 27	PF. 2924	1 L	price on request			

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
5268 8 1719 2	Tetraethylammonium hydroxide solution 40% in water <i>Tétraethylammonium hydroxyde en solution /</i> <i>Tetraetilamonio hidróxido en solución</i> [(C ₂ H ₅) ₄ N]OH C ₈ H ₂₁ NO M = 147,26 g/mol keep cool à stocker au frais consérvese frio  R: 34 S: 26 disposal: 3	PF. STP. 2924	1 L 60 kg	price on request price on request			
6262 8 1719 2	Tetraethylammonium hydroxide solution 20% in water <i>Tétraéthylammonium hydroxyde en solution /</i> <i>Tetraetilamonio hidróxido en solución</i> [(C ₂ H ₅) ₄ N]OH C ₈ H ₂₁ NO M = 147,26 g/mol 1 L ≈ 1,03 kg assay [(C ₂ H ₅) ₄ N]OH 19,5—20,5% amines (tert.) N(C ₂ H ₅) ₃ 0,5% iron (Fe) 0,0002% potassium (K) 0,05% sodium (Na) 0,05% chloride (Cl) 0,05% transparency (400 nm, 1 cm) 96% keep cool à stocker au frais consérvese frio  R: 36/37/38 S: 2-26 disposal: 3	PF. PF. FPF. 2924	250 ml 1 L 60 kg	30,— 100,— price on request	25,50 85,—	24,— 80,—	22,50 77,—
756 /35 3 1993 2 3 °C	N,N,N',N'-Tetraethylenediamine PROSYNTH® <i>N-N-N'-N'-Tétraéthylènediamine /</i> <i>N,N,N',N'-Tetraetilendiamina</i> (C ₂ H ₅) ₂ NCH ₂ CH ₂ N(C ₂ H ₅) ₂ C ₁₀ H ₂₄ N ₂ M = 172,31 g/mol 1 L ≈ 0,80 kg assay (GC) 99% boiling range 189—192 °C refractive index (n _D ²⁰) 1,434  R: 36/37/38 S: 26 disposal: 19	FL. 2922	25 ml	34,50	29,35	27,60	25,90
72	Tetraethylene glycol dimethyl ether for gas chromatography <i>Ether diméthylrique du tétraéthylèneglycol / Eter dimetilico</i> <i>de tetraetilenglicol</i> [CH ₃ OCH ₂ CH ₂ OCH ₂ CH ₂] ₂ O C ₁₀ H ₂₂ O ₅ M = 222,28 g/mol 1 L ≈ 1,01 kg working temperature to 60 °C	FL. 2908	25 ml	41,—	34,85	32,80	30,75
54	Tetraethylene glycol dimethyl ether PROSYNTH® <i>Ether diméthylrique du tétraéthylèneglycol / Eter dimetilico</i> <i>de tetraetilenglicol</i> CH ₃ O(CH ₂ CH ₂ O) ₄ CH ₃ C ₁₀ H ₂₂ O ₅ M = 222,28 g/mol 1 L ≈ 1,01 kg assay (GC) 99% boiling range 273—275 °C refractive index (n _D ²⁰) 1,432	FL. 2908	100 ml	15,50	13,20	12,40	11,65
74 A 5 C 60 2	Tetraethylenepentamine <i>Tétraéthylènepentamine / Tetraetilenpentamina</i> (NH ₂ CH ₂ CH ₂ NHCH ₂ CH ₂) ₂ NH C ₈ H ₂₃ N ₅ M = 189,30 g/mol 1 L ≈ 1,00 kg boiling range (at 27 mbar) 190—240 °C  R: 34 S: 26 disposal: 19	PF. STP. 2922	1 L 25 kg	28,25 price on request	24,—	22,60	21,75
	Tetraethyl silicate see Ethyl silicate						

Code-Number
A) RID/ADR
B) RID/ADR
C) MOD CODE (GGV See)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

96
(16 Boxes)

61099 **3-Tetrafluoroethoxytoluene PROSYNTH®**
3-Tétrafluoroéthoxytoluène / 3-Tetrafluoroetoxitolueno

C6H4(CH3)(OCF2CF2H)
C9H8F4O $M = 208,16 \text{ g/mol}$ 1 L \approx 1,33 kg
assay (GC) 98%
boiling range (at 17 mbar) 57–59 °C
refractive index (n_D^{20}) 1,423

FL.
2908

100 ml 91,50 77,80 73,20 68

61100 **4-Tetrafluoroethoxytoluene PROSYNTH®**
4-Tétrafluoroéthoxytoluène / 4-Tetrafluoroetoxitolueno

C6H4(CH3)(OCF2CF2H)
C9H8F4O $M = 208,16 \text{ g/mol}$ 1 L \approx 1,25 kg
assay (GC) 98%
boiling range (at 19 mbar) 67–69 °C

FL.
2908

100 ml 86,50 73,55 69,20 64

61112 **N-Tetrafluoroethyl-N-methylbenzene sulphonamide PROSYNTH®**
N-Tétrafluoroéthyl-N-méthylbenzène sulfonamide / N-Tetrafluoroetil-N-metilbenceno sulfonamida

C6H5SO2N(CH3)CF2CF2H
C9H9F4NO2S $M = 271,24 \text{ g/mol}$ 1 L \approx 1,44 kg
assay (GC) 97%
boiling range (at 21 mbar) 146–148 °C

WG.
2936

25 ml 60,— 51,— 48,— 45

61027 **Tetrafluoroethyl methyl ether PROSYNTH®**
Tétrafluoroéthylméthyléther / Tetrafluoroetilmetileter

A 6.1/62

C 6.1 2810 3

HCF2CF2OCH3
C3H4F4O $M = 132,06 \text{ g/mol}$ 1 L \approx 1,30 kg
assay 98%
boiling range 33–35 °C
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2908

100 ml 83,50 71,— 66,80 62



R: 36/37/38 S: 26
disposal: 7

61145 **2,2,3,3-Tetrafluoropropanol PROSYNTH®**
2-2-3-3-Tétrafluoropropanol / 2,2,3,3-Tetrafluoropropanol

A 6.1/12

C 6.1 2810 2

CHF2CF2CH2OH
C3H4F4O $M = 132,06 \text{ g/mol}$ 1 L \approx 1,47 kg
assay (GC) 90%
boiling range 107–109 °C
refractive index (n_D^{20}) 1,321

FL.
2904

10 ml 26,25 22,30 21,— 19

63757 **1,2,3,6-Tetrahydrobenzaldehyde PROSYNTH®**
1-2-3-6-Tétrahydrobenzaldéhyde / 1,2,3,6-Tetrahidrobenzaldehydo

A 3/4

C 3.3 2498 3









+57 °C

CH2CH2CH=CHCH2CHCHO
C7H10O $M = 110,16 \text{ g/mol}$ 1 L \approx 0,97 kg
assay (GC) 99%
boiling range 162–164 °C
refractive index (n_D^{20}) 1,475
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2911

100 ml 11,— 9,35 8,80 8

R: 10 disposal: 14

de-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
3709 3/5 3.1 2056 2 4 °C Tetrahydrofuran R. G. <i>Tétrahydrofuranne / Tetrahydrofurano</i> <chem>CH2(CH2)3O</chem> <chem>C4H8O</chem> <i>M</i> = 72,11 g/mol 1 L ≈ 0,88 kg assay (GC) min. 99% boiling range 64–66 °C density (<i>D</i> ₄ ²⁰) 0,887–0,889 refractive index (<i>n</i> _D ²⁰) 1,4070–1,4080 non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,1%   R: 11-19-36/37 S: 16-29-33 disposal: 6	FL. 2935	1 L	27,75	23,60	21,65	20,55
1946 3/5 3.1 2056 2 1 °C Tetrahydrofuran R. G. dried (max. 0,01% H₂O) <i>Tétrahydrofuranne / Tetrahydrofurano</i> <chem>CH2(CH2)3O</chem> <chem>C4H8O</chem> <i>M</i> = 72,11 g/mol 1 L ≈ 0,88 kg assay (GC) min. 99% boiling range 64–66 °C density (<i>D</i> ₄ ²⁰) 0,887–0,889 refractive index (<i>n</i> _D ²⁰) 1,4070–1,4080 non-volatile matter max. 0,002% water (according to Karl Fischer) max. 0,01%   R: 11-19-36/37 S: 16-29-33 disposal: 6	FL. 2935	1 L	43,75	37,20	35,—	33,70
928 3/5 3.1 2056 2 °C Tetrahydrofuran SPECTRANAL® <i>Tétrahydrofuranne / Tetrahydrofurano</i> <chem>CH2(CH2)3O</chem> <chem>C4H8O</chem> <i>M</i> = 72,11 g/mol 1 L ≈ 0,88 kg assay (GC) min. 99,7% non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,1% free acid (as CH ₃ COOH) max. 0,001% peroxides (as H ₂ O ₂) max. 0,005% suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wavelength (nm): min. 25%/245, min. 50%/250, min. 70%/260, min. 90%/280, min. 95%/300, min. 98%/from 310 suitability for IR spectroscopy passes test   R: 11-19-36/37 S: 16-29-33 disposal: 6	FL. 2935	500 ml	45,—	38,25	36,—	34,65
965 3/5 3.1 2056 2 °C Tetrahydrofuran CHROMASOLV® for chromatography (UV-detection) <i>Tétrahydrofuranne / Tetrahydrofurano</i> <chem>CH2(CH2)3O</chem> <chem>C4H8O</chem> <i>M</i> = 72,11 g/mol 1 L ≈ 0,88 kg assay (GC) min. 99,7% non-volatile matter max. 0,001% water (according to Karl Fischer) max. 0,1% free acid (as CH ₃ COOH) max. 0,001% peroxides (as H ₂ O ₂) max. 0,005% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/245, min. 80%/270, min. 98%/from 310   R: 11-19-36/37 S: 16-29-33 disposal: 6	FL. 2935	1 L	75,50	64,20	60,40	58,15

Code-Number
A) RID/ADR
B) GGV/EGVS
C) IMDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96
(1 Box) (4 Boxes) (16 Boxes)

34493 Tetrahydrofuran PESTANAL®

A 3/5 *Tétrahydrofuranne / Tetrahydrofurano*

C 3.1 2056 2 CH2(CH2)3O 1 L ≈ 0,88 kg
-24°C C4H8O M = 72,11 g/mol

suitability for residue analysis:
Traceable accompanying substances (GC/ECD) (column
0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chromosorb® 100/200) show in the retention volume zones
between Pentachlorobenzene, α-HCH, Aldrin and DDT a
peak of < 5 · 10⁻¹⁰ % ≈ 5 ng/l.



R: 11-19-36/37 S: 16-29-33
disposal: 6

FL.
FL.
2935

1 L	40,25	34,20	32,20	31,
2,5 L	87,—	72,20	67,85	65,

16212 Tetrahydrofuran

A 3/5 *Tétrahydrofuranne / Tetrahydrofurano*

C 3.1 2056 2 CH2(CH2)3O 1 L ≈ 0,88 kg
-24°C C4H8O M = 72,11 g/mol

assay (GC) 99,5%
boiling range 64—66 °C
density (D₄²⁰) 0,887—0,889
refractive index (n_D²⁰) 1,4070—1,4090



R: 11-19-36/37 S: 16-29-33
disposal: 6

FL.
FL.
EKL.
F.
2935

1 L	25,—	21,25	20,—	19
2,5 L	52,50	43,60	40,95	39,
25 kg	price on request			
180 kg	price on request			

Tetrahydrofurandion-(2,5) see Succinic anhydride

33712 Tetrahydrofurfuryl alcohol R. G.

C ./. FLP73 *Alcool tétrahydrofurfurylique / Alcohol tetrahydrofurfurilico*

+73°C O(CH2)3CHCH2OH 1 L ≈ 1,05 kg
C5H10O2 M = 102,13 g/mol

assay (GC) min. 99%
boiling range 175—178 °C
density (D₄²⁰) 1,052—1,055
refractive index (n_D²⁰) 1,4510—1,4530

FL.
2935

1 L	36,—	30,60	28,80	27
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65100 Tetrahydrofurfuryl chloride PROSYNTH®

A 3/3 *Tétrahydrofurfuryle chlorure / Tetrahydrofurfurilo cloruro*

C 3.3 1993 2 O(CH2)3CHCH2Cl 1 L ≈ 1,11 kg
+45°C C5H9ClO M = 120,58 g/mol

assay (GC) 99%
boiling range (at 15 mbar) 41—43 °C
refractive index (n_D²⁰) 1,457

FL.
2935

25 ml	28,50	24,25	22,80	21
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63076 2+3-(Tetrahydrofurfuryloxy)tetrahydropyran PROSYNTH®

A 3/4 *2+3-(Tétrahydrofurfuryloxy)tétrahydropyranne / 2+3-(Tetrahydrofurfuriloxi)tetrahidropirano*

+98°C C10H18O3 M = 186,25 g/mol 1 L ≈ 1,05 kg

assay (GC) 96%
boiling range 235—238 °C
refractive index (n_D²⁰) 1,465

FL.
2935

100 ml	61,50	52,30	49,20	46
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63077 1,2,3,4-Tetrahydroisoquinoline PROSYNTH®




1-2-3-4-Tétrahydroisoquinoléine / 1,2,3,4-Tetrahydroisoquinolina

C8H9N M = 133,19 g/mol 1 L ≈ 1,04 kg



assay (GC) 96%
boiling range 231—233 °C
refractive index (n_D²⁰) 1,567

FL.
2935

50 ml	26,25	22,30	21,—	19
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de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
713 3/4 77°C	1,2,3,4-Tetrahydronaphthalene R. G. <i>1-2-3-4-Tétrahydronaphtalène / 1,2,3,4-Tetrahidronaftaleno</i> <chem>C6H4(CH2)3CH2</chem> $C_{10}H_{12}$ $M = 132,20$ g/mol $1\text{ L} \approx 0,96$ kg assay (GC) min. 98% boiling range 204-207 °C density (D_4^{20}) 0,966-0,971 refractive index (n_D^{20}) 1,5402-1,5417 water (according to Karl Fischer) max. 0,05%	FL. 2901 500 ml	56,—	47,60	44,80	43,10
1250 3/4 77°C	1,2,3,4-Tetrahydronaphthalene <i>1-2-3-4-Tétrahydronaphtalène / 1,2,3,4-Tetrahidronaftaleno</i> <chem>C6H4(CH2)3CH2</chem> $C_{10}H_{12}$ $M = 132,20$ g/mol $1\text{ L} \approx 0,96$ kg assay (GC) 98% boiling range 204-207 °C density (D_4^{20}) 0,966-0,971 refractive index (n_D^{20}) 1,5402-1,5417 water (according to Karl Fischer) 0,05%	FL. FL. EKL. 2901 1 L 2,5 L 25 kg	19,75 42,— price on request	16,80 34,85	15,80 32,75	15,20 31,50
078	cis-1,2,3,6-Tetrahydrophthalic anhydride PROSYNTH® <i>Anhydride cis-1-2-3-6-tétrahydrophthalique / Anhídrido cis-1,2,3,6-tetrahidroftálico</i> <chem>C8H8O3</chem> $M = 152,15$ g/mol assay (ex anhydride) 98% melting range 99-101 °C  R: 36/37 S: 25 disposal: 6	PF. 2915 1 kg	26,75	22,75	21,40	20,60
079 1A 2 1993 2 °C	Tetrahydropyran PROSYNTH® <i>Tétrahydropyranne / Tetrahidropirano</i> <chem>O(CH2)4CH2</chem> $C_5H_{10}O$ $M = 86,13$ g/mol $1\text{ L} \approx 0,89$ kg assay (GC) 98% boiling range 86-88 °C refractive index (n_D^{20}) 1,420  R: 11 S: 9-16-33 disposal: 6	FL. 2935 100 ml	16,—	13,60	12,80	12,—
075	1,2,3,4-Tetrahydroquinoline PROSYNTH® <i>1-2-3-4-Tétrahydroquinoléine / 1,2,3,4-Tetrahidroquinolina</i> <chem>C6H4NHCH2CH2CH2</chem> $C_9H_{11}N$ $M = 133,19$ g/mol $1\text{ L} \approx 1,06$ kg assay (GC) 97% boiling range 249-251 °C refractive index (n_D^{20}) 1,593	FL. 2935 100 ml	52,50	44,65	42,—	39,40
80 1A 1993 2 °C	Tetrahydrothiophene PROSYNTH® <i>Tétrahydrothiophène / Tetrahidrotiofeno</i> <chem>S(CH2)3CH2</chem> C_4H_8S $M = 88,17$ g/mol $1\text{ L} \approx 1,00$ kg assay (GC) 98% boiling range 119-121 °C refractive index (n_D^{20}) 1,503  R: 11 S: 9-16-33 disposal: 15	FL. 2935 250 ml	24,—	20,40	19,20	18,—
14	1,2,5,8-Tetrahydroxyanthraquinone R. G. <i>1-2-5-8-Tétrahydroxyanthraquinone / 1,2,5,8-Tetrahidroxiantraquinona</i> <chem>COc6c(O)c(O)c(O)c6O</chem> $C_{14}H_8O_6$ $M = 272,21$ g/mol	WG. WG. 2913 25 g 100 g	20,25 68,50	17,20 58,25	16,20 54,80	15,20 51,40

Code-Number A: R.D./ADR B: GSV/AGVS C: M.D. CODE (GGV See)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96
				(1 Box)	(4 Boxes)	(16 Boxes)	(64 Boxes)
33748	1,4-Tetrahydroxybenzoquinone dihydrate R. G. <i>Tétrahydroxybenzoquinone-(1,4) dihydrate /</i> <i>Tetrahydroxibenzoquinona-(1,4) dihidrato</i> $\text{OC}_6(\text{OH})_4\text{O} \cdot 2\text{H}_2\text{O}$ $\text{C}_6\text{H}_4\text{O}_6 \cdot 2\text{H}_2\text{O}$ $M = 208,12 \text{ g/mol}$ assay min. 99% sulphated ash max. 0,1% suitability for Ba-proof passes test	WG. 2913	5 g	34,—	28,90	27,20	25
65078	Tetraiodomethane PROSYNTH® <i>Tétraiodométhane / Tetrayodometano</i> CJ_4 $M = 519,63 \text{ g/mol}$ assay (ex J) 97% melting range $164 - 166^\circ\text{C}$ (disint.) keep in refrigerator à stocker dans le réfrigidaire almacenaje en la nevera	FL. 2902	10 g	40,50	34,45	32,40	30
65079	Tetraiodothiophene PROSYNTH® <i>Tétraiodothiophène / Tetrayodotiofeno</i> $\text{SCJ} = \text{CJCJ} = \text{CJ}$ $\text{C}_4\text{J}_4\text{S}$ $M = 587,73 \text{ g/mol}$ assay 97%	FL. 2935	1 g	18,—	15,30	14,40	13
64349	Tetrakis-[pentandionato-(2,4)]-zirconium(IV) see Zirconium(IV) acetylacetonate Tetralin see 1,2,3,4-Tetrahydronaphthalene α -Tetralol PROSYNTH® <i>α-Tétralol / α-Tetralol</i> $\text{C}_8\text{H}_4(\text{CH}_2)_3\text{CHOH}$ $\text{C}_{10}\text{H}_{12}\text{O}$ $M = 148,21 \text{ g/mol}$ assay 97% melting range $29 - 32^\circ\text{C}$	WG. 2906	10 g	47,50	40,40	38,—	35
63081	α -Tetralone PROSYNTH® <i>α-Tétralone / α-Tetralona</i> $\text{C}_8\text{H}_4(\text{CH}_2)_3\text{CO}$ $\text{C}_{10}\text{H}_{10}\text{O}$ $M = 146,19 \text{ g/mol}$ $1 \text{ L} \approx 1,09 \text{ kg}$ assay (GC) 98% boiling range $254 - 256^\circ\text{C}$ refractive index (n_D^{20}) 1,568	FL. 2913	100 ml	40,25	34,20	32,20	30
64858	Tetramethylammonium chloride PROSYNTH® <i>Tétraméthylammonium chlorure / Tetrametilamonio cloruro</i> $(\text{CH}_3)_4\text{NCl}$ $\text{C}_4\text{H}_{12}\text{ClN}$ $M = 109,60 \text{ g/mol}$ assay (ex Cl) 98%	WG. 2924	250 g	30,75	26,15	24,60	23
65101	Tetramethylammonium hydroxide solution 25% in water PROSYNTH® <i>Tétraméthylammonium hydroxyde en solution /</i> <i>Tetrametilamonio hidróxido en solución</i> $(\text{CH}_3)_4\text{N}(\text{OH})$ $\text{C}_4\text{H}_{13}\text{NO}$ $M = 91,15 \text{ g/mol}$ $1 \text{ L} \approx 1,01 \text{ kg}$ assay (acimetric) 25%	FL. 2924	100 ml	19,75	16,80	15,80	14

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
359 Tetramethylammonium tetrafluoroborate PROSYNTH® <i>Tétraméthylammonium tétrafluoroborate /</i> <i>Tetrametilamonio tetrafluoroborato</i> (CH ₃) ₄ N(BF ₄) C ₄ H ₁₂ BF ₄ N M = 160,95 g/mol assay 98%	PF. 2924	25 g	46,—	39,10	36,80	34,50
3083 1,2,4,5-Tetramethylbenzene PROSYNTH® <i>1-2-4-5-Tétraméthylbenzène / 1,2,4,5-Tetrametilbenceno</i> (CH ₃) ₄ C ₆ H ₂ C ₁₀ H ₁₄ M = 134,22 g/mol assay (GC) 98% melting range 78—80 °C	PF. 2901	250 g	54,—	45,90	43,20	40,50
1859 Tetramethyl-1,4-benzoquinone PROSYNTH® <i>Tétraméthyl-1-4-benzoquinone / Tetrametil-1,4-benzoquinona</i> <u>COC(CH₃) = C(CH₃)COC(CH₃) = CCH₃</u> C ₁₀ H ₁₂ O ₂ M = 164,20 g/mol assay (GC) 98% melting range 110—112 °C	WG. 2913	5 g	66,50	56,55	53,20	49,90
Tetramethylene bromide see 1,4-Dibromobutane						
084 1/35 1760 2 Tetramethylenediamine PROSYNTH® <i>Tétraméthylènediamine / Tetrametilendiamina</i> NH ₂ (CH ₂) ₄ NH ₂ C ₄ H ₁₂ N ₂ M = 88,15 g/mol 1 L ≈ 0,88 kg assay (GC) 97% melting range 25—28 °C	FL. 2922	100 ml	28,50	24,25	22,80	21,40
Tetramethylene sulphide see Tetrahydrothiophene						
278 Tetramethylene sulphone PROSYNTH® <i>Tétraméthylène sulfone / Tetrametileno sulfón</i> CH ₂ CH ₂ CH ₂ CH ₂ SO ₂ C ₄ H ₈ O ₂ S M = 120,17 g/mol 1 L ≈ 1,27 kg assay (GC) 97% boiling range 283—285 °C refractive index (n _D ²⁰) 1,4770—1,4790	FL. 2931	500 ml	43,75	37,20	35,—	33,70
082 /5 2 1993 2 3 °C N,N,N',N'-Tetramethylethylenediamine PROSYNTH® <i>N-N-N'-N'-Tétraméthyléthylènediamine /</i> <i>N,N,N',N'-Tetrametiletendiamina</i> (CH ₃) ₂ NCH ₂ CH ₂ N(CH ₃) ₂ C ₆ H ₁₆ N ₂ M = 116,21 g/mol 1 L ≈ 0,78 kg assay (GC) 99% boiling range 118—120 °C refractive index (n _D ²⁰) 1,418   R: 11-36/37 S: 16-26-29 disposal: 19	FL. 2922	100 ml	13,—	11,05	10,40	9,75
Tetramethylethylene glycol see 2,3-Dimethylbutanediol-(2,3)						
85 35 1760 2 °C N,N,N',N'-Tetramethylguanidine PROSYNTH® <i>N-N-N'-N'-Tétraméthylguanidine / N,N,N',N'-</i> <i>Tetrametilguanidina</i> (CH ₃) ₂ NC(=NH)N(CH ₃) ₂ C ₅ H ₁₃ N ₃ M = 115,18 g/mol 1 L ≈ 0,92 kg assay (GC) 97% boiling range (at 15 mbar) 51—53 °C refractive index (n _D ²⁰) 1,469 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2926	100 ml	29,50	25,10	23,60	22,15

Code Number
A) R.S. ADR
B) C.O.V.E./C.O.V.S
C) MOC-Code (C.O.V.See)

65074 Tetramethyl orthocarbonate PROSYNTH®
Tétraméthyl orthocarbonate / Tetrametil ortocarbonato

A 3/3
C 3.3 1993 2
+24 °C

$(\text{C}(\text{OCH}_3)_4)$
 $\text{C}_4\text{H}_{12}\text{O}_4$ $M = 136,15$ g/mol $1 \text{ L} \approx 1,02$ kg

assay (GC) 98%
boiling range 112–114 °C
refractive index (n_D^{20}) 1,385

R: 10 disposal: 6

FL.
2921

25 ml 38,75 32,95 31,— 29

64861 N,N,N',N'-Tetramethyl-p-phenylenediammonium dichloride PROSYNTH®
N-N-N'-N'-Tétraméthyl-p-phénylènediammonium dichlorure / N,N,N',N'-Tetrametil-p-fenilendiamonio dicloruro

A 6.1/21H
C 6.1 2811 3

$(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{N}(\text{CH}_3)_2 \cdot 2\text{HCl}$
 $\text{C}_{10}\text{H}_{18}\text{Cl}_2\text{N}_2$ $M = 237,17$ g/mol

type analyse 98%
assay (ex Cl)
melting range 223–225 °C (disint.)

WG.
2924

10 g 46,25 39,30 37,— 34



R: 20/21/22 S: 28
disposal: 7

33711 Tetramethylsilane gauging substance for NMR
Tétraméthylsilane / Tetrametilsilano

A 3/1A
C 3.2 1993 2
-1 °C

$(\text{CH}_3)_4\text{Si}$
 $\text{C}_4\text{H}_{12}\text{Si}$ $M = 88,22$ g/mol $1 \text{ L} \approx 0,64$ kg

keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2934

25 ml 28,50 24,25 22,80 21



R: 15-17 S: 24/25-43A
disposal: 6

65102 Tetramethylthiourea PROSYNTH®
Tétraméthylthiourée / Tetrametiltiourea

$(\text{CH}_3)_2\text{NCSN}(\text{CH}_3)_2$
 $\text{C}_5\text{H}_{12}\text{N}_2\text{S}$ $M = 132,23$ g/mol

assay (ex S) 97%
melting range 76–78 °C

WG.
2931

10 g 8,50 7,25 6,80 6

60479 Tetramethyltin PROSYNTH®
Tétraméthylétain / Tetrametilestaño

A 6.1/81F2
C 6.1 2810 1

$(\text{CH}_3)_4\text{Sn}$
 $\text{C}_4\text{H}_{12}\text{Sn}$ $M = 178,83$ g/mol $1 \text{ L} \approx 1,30$ kg

assay (GC) 99%
boiling range 73–75 °C
refractive index (n_D^{20}) 1,441

FL.
2934

25 ml 165,— 140,25 132,— 123



R: 23/24/25 S: 2-13-44
disposal: 10

64860 Tetramethylurea PROSYNTH®
Tétraméthylurée / Tetrametilurea

$(\text{CH}_3)_2\text{NCON}(\text{CH}_3)_2$
 $\text{C}_5\text{H}_{12}\text{N}_2\text{O}$ $M = 116,16$ g/mol $1 \text{ L} \approx 0,97$ kg

assay (GC) 99%
boiling range 175–177 °C
refractive index (n_D^{20}) 1,451

FL.
FL.
2925

100 ml 18,75 15,95 15,— 14
250 ml 38,25 32,50 30,60 28



09074 Tetramethylurea- d_{12} deuteration degree not less than 99 atom % D





Tétraméthylurée- d_{12} / Tetrametilurea- d_{12}









$(\text{CD}_3)_2\text{NCON}(\text{CD}_3)_2$
 $\text{C}_5\text{D}_{12}\text{N}_2\text{O}$ $M = 128,07$ g/mol $1 \text{ L} \approx 1,05$ kg

A.
2851

1 ml 94,— 79,90 75,20 70

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
33758	Tetraphenylarsonium chloride monohydrate R. G. <i>Tétraphénylarsonium chlorure monohydrate /</i> <i>Tetrafenilarsonio cloruro monohidrato</i> $(C_6H_5)_4AsCl \cdot H_2O$ $C_{24}H_{20}AsCl \cdot H_2O$ $M = 436,81$ g/mol assay min. 99% water (according to Karl Fischer) 3,9—4,4% sulphated ash max. 0,2% lead (Pb) max. 0,001% iron (Fe) max. 0,001% copper (Cu) max. 0,001%  R: 23/25 S: 1/2-20/21-28-44 disposal: 10	WG. 2934	5 g	36,75	31,25	29,40	27,55
	Tetraphenylborateboron, sodium see Kalignost®						
3088	Tetraphenylcyclopentadiene-(2,4)-on-(1) PROSYNTH® <i>Tétraphénylcyclopentadiène-(2-4)-on-(1) /</i> <i>Tetrafenilciclopentadieno-(2,4)-on-(1)</i> $C_6H_5C=C(C_6H_5)C(C_6H_5)=C(C_6H_5)CO$ $C_{29}H_{20}O$ $M = 384,48$ g/mol assay 98% melting range 219—221 °C	WG. 2913	10 g	29,50	25,10	23,60	22,15
3086	Tetraphenylethanediol-(1,2) PROSYNTH® <i>Tétraphényléthanediol-(1-2) / Tetrafeniletanodiol-(1,2)</i> $(C_6H_5)_2COHCOH(C_6H_5)_2$ $C_{26}H_{22}O_2$ $M = 366,46$ g/mol assay 98%	WG. 2905	100 g	103,50	88,—	82,80	77,65
3087	Tetraphenylethylene PROSYNTH® <i>Tétraphényléthylène / Tetrafeniletileno</i> $(C_6H_5)_2C=C(C_6H_5)_2$ $C_{26}H_{20}$ $M = 332,44$ g/mol assay (HPLC) 98% melting range 222—224 °C	WG. 2901	10 g	47,—	39,95	37,60	35,25
2266	Tetraphenylphosphonium bromide <i>Tétraphénylphosphonium bromure / Tetrafenilfosfonio</i> <i>bromuro</i> $(C_6H_5)_4PBr$ $C_{24}H_{20}BrP$ $M = 419,30$ g/mol	WG. 2934	25 g	32,75	27,85	26,20	24,55
864	Tetraphenylphosphonium chloride PROSYNTH® <i>Tétraphénylphosphonium chlorure / Tetrafenilfosfonio</i> <i>cloruro</i> $(C_6H_5)_4PCl$ $C_{24}H_{20}ClP$ $M = 374,85$ g/mol assay (ex Cl) 98% melting range 264—266 °C (disint.)	WG. 2934	10 g	52,50	44,65	42,—	39,40
789	Tetraphenyltin PROSYNTH® <i>Tétraphénylétain / Tetrafenilestaño</i> $(C_6H_5)_4Sn$ $C_{24}H_{20}Sn$ $M = 427,11$ g/mol assay (ex Sn) 98% melting range 226—228 °C  R: 23/24/25 S: 2-13-44 disposal: 10	PF. 2934	100 g	55,50	47,20	44,40	41,65
	3a,4,7,7a-Tetraphydro-4,7-methanoindene see Dicyclopentadiene						

Code-Number		Type of package B.T.N.	Price per package DM	1x	6x	24x	96
A) NEM/ACH B) GGVE/GGVS C) IMDG-CODE (GGVSee)				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
64865	Tetrapropyl orthotitanate PROSYNTH® <i>Tétrapropyle orthotitanate / Tetrapropilo ortotitanato</i> (CH ₃ CH ₂ CH ₂ O) ₄ Ti C ₁₂ H ₂₈ O ₄ Ti M = 284,25 g/mol	FL. 2921	100 ml	22,75	19,35	18,20	17,00
A 3/4 + 63°C		FL. 2921	100 ml	17,—	14,45	13,60	12,00
64866	Tetra-iso-propyl orthotitanate PROSYNTH® <i>Tetra-iso-propyle orthotitanate / Tetra-iso-propilo ortotitanato</i> [CH ₃] ₂ CHO] ₄ Ti C ₁₂ H ₂₈ O ₄ Ti M = 284,25 g/mol 1 L ≈ 0,96 kg assay (ex Ti) 97% boiling range (ex 13 mbar) 216—218 °C refractive index (n _D ²⁰) 1,465	FL. 2921					
A 3/4 + 63°C							
35782	Tetrasodium diphosphate see tetra-Sodium diphosphate Tetrasul min. 99% PESTANAL® (2,4,5,4'-Tetrachlorodiphenyl sulfide) Cl ₃ C ₆ H ₂ SC ₆ H ₄ Cl C ₁₂ H ₆ Cl ₄ S M = 324,06 g/mol	FL. 2931	1 g	28,25	24,—	22,60	21,00
63764	Tetravinyltin PROSYNTH® <i>Tétravinylétain / Tetravinilestaño</i> (CH ₂ =CH) ₄ Sn C ₈ H ₁₂ Sn M = 226,88 g/mol assay (GC) 98%	FL. 2931	100 ml	price on request			
	Tetrazolium chloride blue see BTC Tetrazolonimide see 5-Aminotetrazole monohydrate Tetrene see Tetraethylenepentamine						
14763	Thallium <i>Thallium / Talio</i> TI M = 204,37 g/mol assay 99,9%	BL. 8104	100 g	60,—	51,—	48,—	45,00
A 6.1/54 C 6.1*1707 2							
	 R: 26/28-33 S: 2-13-28-45 disposal: 10						
38634	0,100 g Thallium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Thallium / 0,100 g Talio</i>	3819	1 pack	10,25	8,70	8,20	7,00
A 6.1/54 C 6.1 1707 2							
	 R: 25-36/38 S: 25-44 disposal: 10						
38577	1,00 g Thallium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Thallium / 1,00 g Talio</i>	3819	1 pack	10,25	8,70	8,20	7,00
A 6.1/54 C 6.1 1707 2							
	 R: 25-36/38 S: 25-44 disposal: 10						
14765	Thallium(I) acetate <i>Thallium(I) acétate / Talio(I) acetato</i> CH ₃ COOTl C ₂ H ₃ O ₂ Tl M = 263,41 g/mol	WG. WG. 2914	25 g 100 g	38,25 130,—	32,50 110,50	30,60 104,—	28,00 97,00
A 6.1/54 C 6.1 1707 2							
	 R: 26/28-33 S: 2-13-28-45 disposal: 10						

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
				1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
4867	Thallium(III) acetate sesquihydrate PROSYNTH® 6.1/54 <i>Thallium(III) acétate sesquihydrate / Talio(III) acetato</i> 6.1 1707 2 <i>sesquihidrato</i> $(\text{CH}_3\text{COO})_3\text{TI} \cdot 1\frac{1}{2}\text{H}_2\text{O}$ $\text{C}_6\text{H}_9\text{O}_6\text{TI} \cdot 1\frac{1}{2}\text{H}_2\text{O}$ $M = 408,53 \text{ g/mol}$ assay (ex TI) 97% melting range (disint.) 180–182 °C  R: 26/28-33 S: 2-13-28-45 disposal: 10	WG. 2914	25 g	61,50	52,30	49,20	46,15
7809	Thallium(I) bromide PURANAL® 6.1/54 <i>Thallium(I) bromure / Talio(I) bromuro</i> 6.1 1707 2 TIBr $M = 284,27 \text{ g/mol}$ analytical data on request  R: 26/28-33 S: 2-13-28-45 disposal: 10	WG. 2830	100 g	price on request			
7810	Thallium(I) chloride PURANAL® 6.1/54 <i>Thallium(I) chlorure / Talio(I) cloruro</i> 6.1 1707 2 TICI $M = 239,82 \text{ g/mol}$ analytical data on request  R: 26/28-33 S: 2-13-28-45 disposal: 10	PF. 2830	100 g	price on request			
0458	Thallium(III) oxide 6.1/54 <i>Thallium(III) oxyde / Talio(III) óxido</i> 6.1 1707 2 TI_2O_3 $M = 456,74 \text{ g/mol}$ assay 99%  R: 26/28-33 S: 2-13-28-45 disposal: 10	WG. 2828	10 g	52,50	44,65	42,—	39,40
7811	Thallium(I) iodide PURANAL® 6.1/54 <i>Thallium(I) iodure / Talio(I) yoduro</i> 6.1 1707 2 TIJ $M = 331,27 \text{ g/mol}$ analytical data on request  R: 26/28-33 S: 2-13-28-45 disposal: 10	WG. 2830	100 g	price on request			
772	Thallium(I) nitrate 6.1/54 <i>Thallium(I) nitrate / Talio(I) nitrato</i> 6.1 1477 2 TINO_3 $M = 266,37 \text{ g/mol}$  R: 26/28-33 S: 2-13-28-45 disposal: 10	WG. 2839	100 g	58,—	49,30	46,40	43,50
773	Thallium(I) sulphate 6.1/54 <i>Thallium(I) sulfate / Talio(I) sulfato</i> 6.1 1707 2 TI_2SO_4 $M = 504,80 \text{ g/mol}$ assay 99,5% loss on drying (105 °C) 0,1% substances not precipitated by hydrogen iodide (as sulphates) 0,1%  R: 26/28-33 S: 2-13-28-45 disposal: 10	PF. PF. PF. 2838	100 g 500 g 1 kg	17,50 72,50 133,—	14,90 61,65 113,05	14,— 58,— 106,40	13,15 55,85 102,40
361	Thallium(III) trifluoroacetate PROSYNTH® 6.1/54 <i>Thallium(III) trifluoroacétate / Talio(III) trifluoroacetato</i> 6.1 1707 2 $(\text{CF}_3\text{COO})_3\text{TI}$ $\text{C}_6\text{F}_9\text{O}_6\text{TI}$ $M = 543,42 \text{ g/mol}$  R: 26/27/28 S: 1/2-13-45 disposal: 10	WG. 2914	10 g	32,75	27,85	26,20	24,55

Code-Number
A: RND/ADR
B: CDE/EGMS
C: MDG/CDCE (GGVSee)

Type of package
B.T.N.

Price per package DM 1x 6x 24x
(1 Box) (4 Boxes) (10 Boxes)

63765 Thiobenzoic acid PROSYNTH®
A - *Acide thiobenzoïque / Acido tiobenzóico*
B 8/21 C6H5COSH
C 8 1760 2 C7H6OS $M = 138,19 \text{ g/mol}$ 1 L \approx 1,18 kg
assay (alkalimetric) 95%
boiling range (at 16 mbar) 103–105 °C
refractive index (n_D^{20}) 1,603
keep in refrigerator
à stocker dans le frigidaire
almacenaje en la nevera

FL.
2931

100 ml 21,50 18,30 17,20 1

64133 Thiocaprolactame PROSYNTH®
Thiocaprolactame / Tiocaprolactamo
C6H11NS $M = 129,23 \text{ g/mol}$
assay (ex S) 98%
melting range 100–102 °C

WG.
2935

25 g 43,— 36,55 34,40 3

Thiocarbamide see Thiourea

Thiocarbanilide see Diphenylthiourea

Thiocarbonyl dichloride see Thiophosgene

63092 2,2'-Thiodiacetic acid PROSYNTH®
Acide 2-2'-thiodiacétique / Acido 2,2'-tiodiacético
S(CH2COOH)2
C4H6O4S $M = 150,15 \text{ g/mol}$
assay (alkalimetric) 98%
melting range 127–129 °C

PF.
2931

100 g 13,75 11,70 11,— 1

33747 2,2-Thiodiethanol (Thiodiglycol) R. G.
2-2-Thiodiéthanol / 2,2-Tiodietanol
(HOCH2CH2)2S
C4H10O2S $M = 122,19 \text{ g/mol}$ 1 L \approx 1,18 kg
assay (GC) min. 98%
sulphated ash max. 0,005%
water max. 0,3%
free acid (as CH3COOH) max. 0,005%
iron (Fe) max. 0,0001%
heavy metals (as Pb) max. 0,0005%
sulphate (SO4) max. 0,0005%

FL.
2931

100 ml 14,75 12,55 11,80 1

Thiodiglycol see 2,2-Thiodiethanol

Thiodiphenylamine see Phenothiazine

63766 3,3'-Thiodipropionic acid PROSYNTH®
Acide 3-3'-thiodipropionique / Acido 3,3'-tiodipropiónico
S(CH2CH2COOH)2
C6H10O4S $M = 178,21 \text{ g/mol}$
assay (alkalimetric) 99%
melting range 129–132 °C

PF.
2931

250 g 26,25 22,30 21,— 1

63767 1-Thioglycerol solution 90% in water PROSYNTH®
1-Thioglycérol en solution / 1-Tioglicerina en solución
HSCH2CH(OH)CH2OH
C3H8O2S $M = 108,16 \text{ g/mol}$ 1 L \approx 1,24 kg
assay (iodometric) 90%

FL.
2931

100 ml 20,75 17,65 16,60



60280 Thioglycollic acid PROSYNTH®
A - *Acide thioglycolique / Acido tioglicólico*
B 8/21F HSCH2COOH
C 8 1940 2 C2H4O2S $M = 92,12 \text{ g/mol}$ 1 L \approx 1,27 kg
assay 99%
boiling range (at 7 mbar) 94–96 °C
refractive index (n_D^{20}) 1,503

FL.
FL.
2931

250 ml 12,50 10,65 10,—
1 L 31,75 27,— 25,40



R: 23/24/25-34 S: 2-25-27-28
disposal: 15

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
7813	Thioglycollic acid 80%, chem. pure Reag. Ph. Eur. I <i>Acide thioglycolique / Acido tioglicólico</i> <chem>HSCH2COOH</chem> <chem>C2H4O2S</chem> $M = 92,12$ g/mol 1 L \approx 1,27 kg assay 80% density (D_4^{20}) 1,265–1,275 sulphated ash 0,05% iron (Fe) 0,00002% heavy metals (as Pb) 0,002% Patent rights regarding its application for hair wave preparations have to be observed.	FL. FL. FL. STP. 2931	250 ml 500 ml 1 L 35 kg	13,— 19,25 35,— price on request	11,05 16,35 29,75	10,40 15,40 28,—	9,75 14,80 26,95
8/21F 8 1940 2							
	 R: 23/24/25-34 S: 2-25-27-28 disposal: 15						
	Thioglycollic acid-(β-naphthyl)amide see Thionalide						
3095	2-Thiohydantoin PROSYNTH® <i>2-Thiohydantoine / 2-Tiohidantoína</i> <chem>NHCSNHCOCH2</chem> <chem>C3H4N2OS</chem> $M = 116,14$ g/mol assay (ex N) 98% melting range 229–231 °C (disint.)	PF. 2931	50 g	41,—	34,85	32,80	30,75
	Thiohydracrylic acid see 3-Mercaptopropionic acid Thioimidazolidone see N,N'-Ethylenethiourea Thiolactic acid see 2-Mercaptopropionic acid Thiomalic acid see Mercaptosuccinic acid Thiomolybdic acid solution according to Splittgerber see Splittgerber's reagent						
718	Thionalide R. G. (thioglycollic acid-[β-naphthyl]-amide) <i>Thionalide / Tionalida</i> <chem>C10H7(NHCOCH2SH)</chem> <chem>C12H11NOS</chem> $M = 217,29$ g/mol assay (ex N) min. 99% melting range 113–114 °C sulphated ash max. 0,05% suitability for determination of metals passes test	WG. 2931	25 g	189,—	160,65	151,20	141,75
105 1/21 1544 3	Thionicotinamide PROSYNTH® <i>Acide thionicotinoamide / Acido tionicotinico amida</i> <chem>N=CHC(CSNH2)=CHCH=CH</chem> <chem>C6H6N2S</chem> $M = 138,19$ g/mol assay 98% melting range 189–192 °C (disint.)	WG. 2935	25 g	22,25	18,90	17,80	16,70
716	Thionine (Lauth's violet) according to Ehrlich to microscopy (C. I. No. 52000, S. No. 1036) <i>Thionine / Tionina</i>	WG. WG. 3205	5 g 25 g	31,75 133,—	27,— 113,05	25,40 106,40	23,80 99,75
719	Thionine redox indicator (C. I. No. 52000, S. No. 1036) E_0 at pH 7 + 0,06 volt, rH 15–17 <i>Thionine / Tionina</i> <chem>C12H10ClN3S</chem> $M = 263,75$ g/mol	WG. 3205	25 g	132,—	112,20	105,60	99,—
174 11A 1780 2	Thionyl bromide PROSYNTH® <i>Thionyle bromure / Tionilo bromuro</i> <chem>SOBr2</chem> <chem>Br2OS</chem> $M = 207,87$ g/mol 1 L \approx 2,68 kg assay (ex Br) 97% boiling range (at 53 mbar) 66–68 °C  R: 34 S: 26 disposal: 11	FL. 2814	100 ml	74,—	62,90	59,20	55,50

Code Number

A. RID/ADR
B. CAME/CAVS
C. IMDG CODE (GVVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9x
(16 Boxes)

18438 Thionyl chloride
Thionyle chlorure / Tionilo cloruro
A 8/11A
C 8 1836 1
SOCl2 $M = 118,97 \text{ g/mol}$ 1 L $\approx 1,63 \text{ kg}$
assay 99,7%
boiling range 75–76 °C
sulphur dioxide (SO₂) 0,2%



R: 14-34-37 S: 26
disposal: 11

63606 Thiooxene hydrochloride PROSYNTH®
Thiooxène chlorhydrate / Tiooxeno clorhidrato
HSC6H3N=CHCH=CH.HCl
C9H8CINS $M = 197,69 \text{ g/mol}$
assay (ex N) 96%
melting range 159–161 °C

16218 Thiophene synthetic
Thiophène / Tiofeno
A 3/1A
C 3.2 1993 2
- 1 °C
SCH=CHCH=CH
C4H4S $M = 84,14 \text{ g/mol}$ 1 L $\approx 1,06 \text{ kg}$
assay (GC) 99%
boiling range 83–85 °C
density (D₄²⁰) 1,058–1,065
refractive index (n_D²⁰) 1,5285–1,5295



R: 11-20/21/22 S: 26-28
disposal: 6

63096 Thiophenecarbaldehyde-(2) PROSYNTH®
Thiophèncarbaldéhyde-(2) / Tiofenocarbaldehido-(2)
A 3/3
C 3.3 1989 2
50 °C
SCH=CHCH=CCHO
C5H4OS $M = 112,15 \text{ g/mol}$ 1 L $\approx 1,22 \text{ kg}$
assay (GC) 98%
boiling range 196–198 °C
refractive index (n_D²⁰) 1,591
R: 10 disposal: 14

65106 2-Thiophenecarbonyl chloride PROSYNTH®
Acide thiophèncarboxylique-2-chlorure / Acido tiofenocarboxílico-2-cloruro
A 8/22
C 8 1780 2
SCH=CHCH=CCOCl
C5H3ClOS $M = 146,60 \text{ g/mol}$ 1 L $\approx 1,37 \text{ kg}$
assay (ex Cl) 97%
boiling range (at 19 mbar) 82–84 °C
refractive index (n_D²⁰) 1,590



R: 36/37/38 S: 26
disposal: 21

63097 Thiophene-2-carboxylic acid PROSYNTH®
Acide thiophèncarboxylique-(2) / Acido tiofenocarboxílico-(2)
SCH=CHCH=CCOOH
C5H4O2S $M = 128,15 \text{ g/mol}$
assay (alkalimetric) 98%
melting range 127–129 °C

60282 Thiophenol PROSYNTH®
Thiophénol / Tiofenol
A 3/1A
C 3.2 2337 2
21 °C
C6H5SH
C6H6S $M = 110,18 \text{ g/mol}$ 1 L $\approx 1,08 \text{ kg}$
assay (GC) 97%
boiling range 167–169 °C
refractive index (n_D²⁰) 1,588



R: 11-23/24/25 S: 16-27-44
disposal: 15

FL.
FL.
STP.
2814

500 ml 11,— 9,35 8,80 8
1 L 19,50 16,60 15,60 15
45 kg price on request

FL.
2931

1 g 43,75 37,20 35,— 32

FL.
FL.
2935

100 ml 16,50 14,05 13,20 12
250 ml 37,50 31,90 30,— 28

FL.
2935

100 ml 77,50 65,90 62,— 58

FL.
2935

10 ml 13,25 11,25 10,60 9

PF.
2935

25 g 19,50 16,60 15,60 14

FL.
FL.
2931







100 ml 13,75 11,70 11,— 10
500 ml 53,— 45,05 42,40 40

Code-Number
RID/ADR
GGVE/GGVS
IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x 96x
(1 Box) (4 Boxes) (16 Boxes)


3098	Thiophosgene PROSYNTH® <i>Thiophosgène / Tiofosgeno</i>	FL. 2931	100 ml	87,50	74,40	70,—	65,65
6.1/12E 6.1 2474 2	CCl ₂ S M = 114,98 g/mol 1 L ≈ 1,50 kg assay (GC) 98PROSYNTH® boiling range 71–73 °C refractive index (n _D ²⁰) 1,544 keep cool à stocker au frais conservese frio						
	 R: 23/24/25 S: 44 disposal: 10						
3099	Thiophosphoryl chloride PROSYNTH® <i>Thiophosphoryle chlorure / Tiofosforilo cloruro</i>	FL. 2858	1 L	76,50	65,05	61,20	58,90
8/11B B 1837 2	Cl ₃ PS M = 169,40 g/mol 1 L ≈ 1,63 kg assay (ex Cl) 98% boiling range 122–124 °C refractive index (n _D ²⁰) 1,556						
	 R: 34 S: 26 disposal: 11						
720	Thiosemicarbazide R. G. <i>Thiosémicarbazide / Tiosemicarbazida</i>	PF. 2931	25 g	13,75	11,70	11,—	10,30
6.1/21NB 6.1 1602 2	H ₂ NCSNHNH ₂ CH ₅ N ₃ S M = 91,14 g/mol assay min. 98% melting range 181–184 °C sulphated ash max. 0,02%						
	 R: 23/24/25 S: 44 disposal: 6						
	Thiosinamine see N-Allylthiourea α-Thiotolene see 2-Methylthiophene						
448	2-Thiouracil BIOSYNTH® <i>Thio-2-uracile / 2-Tiouracilo</i> N = C(SH)N = C(OH)CH = CH C ₄ H ₄ N ₂ OS M = 128,15 g/mol	PF. PF. 2935	25 g 100 g	22,50 76,—	19,15 64,60	18,— 60,80	16,90 57,—
	 R: 23/24/25 S: 44 disposal: 10						
00	2-Thiouracil PROSYNTH® <i>Thio-2-uracile / 2-Tiouracilo</i> N = C(SH)N = C(OH)CH = CH C ₄ H ₄ N ₂ OS M = 128,15 g/mol assay (ex S) 98%	PF. 2935	100 g	72,—	61,20	57,60	54,—
	 R: 23/24/25 S: 44 disposal: 10						
7	Thiourea R. G., Reag. Ph. Eur. I <i>Thiourée / Tiourea</i>	PF. PF. PF. 2931	100 g 250 g 1 kg	9,50 18,— 53,—	8,10 15,30 45,05	7,60 14,40 42,40	7,15 13,50 40,80
81D 1609 2	CS(NH ₂) ₂ CH ₄ N ₂ S M = 76,12 g/mol assay min. 99% melting range 176–180 °C insoluble in water max. 0,01% sulphated ash max. 0,1% dicyandiamide passes test						
	 R: 26/27/28-39 S: 1-13-45 disposal: 6						


Code Number
A) H.C. ADN
B) H.C. VEGVS
C) MDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	9x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)

16217 Thiourea chem. pure
A 6 1/81D Thiouree / Tiourea
C 6 1 1609 2 CS(NH₂)₂
CH₄N₂S M = 76,12 g/mol
assay 99%
melting range 174-180 °C
sulphated ash 0,1%
 R: 26/27/28-39 S: 1-13-45
disposal: 6

33745 Thorin R. G. [2-(2-hydroxy-3,6-disulphonic-1-naphthaleneazo)
A 6 1/52A phenylarsonic acid, disodium salt]
C 6 1 1557 3 Thorin / Torina
H₂O₃AsC₆H₄N = NC₁₀H₄(OH)(SO₃Na)₂
C₁₆H₁₁AsN₂Na₂O₁₀S₂ M = 576,30 g/mol
insoluble in water passes test
suitability as indicator passes test
for sulphate titration
 R: 23/25 S: 1/2-20/21-28-44
disposal: 10

31686 Thorium nitrate-5-hydrate R. G.
A 7/BL3 Thorium nitrate-5-hydrate / Torio nitrato-5-hidrato
C 7 BL3 plastic bottle of 50 g
Th(NO₃)₄ · 5H₂O M = 570,13 g/mol
assay min. 99%
iron (Fe) max. 0,001%
heavy metals (as Pb) max. 0,002%
rare earths (as La) max. 0,2%
titanium (Ti) max. 0,005%
substances not precipitated by ammonia solution
(as sulphates) max. 0,2%
chloride (Cl) max. 0,002%
sulphate (SO₄) max. 0,01%
disposal: 25

10459 Thorium(IV) oxide
A 7/BL3 Thorium(IV) oxyde / Torio(IV) óxido
C 7 BL3 ThO₂ M = 264,04 g/mol
assay 99%
disposal: 25

39035 D(+)-Threonine BIOSYNTH®
D(+)-Thréonine / D(+)-Treonina
CH₃CH(OH)CH(NH₂)COOH
C₄H₉NO₃ M = 119,12 g/mol
assay (ex N) 99%
specific rotation ([α]_D²⁰; c=6 in H₂O) +28,5° ± 1,5°

39036 DL-Threonine BIOSYNTH®
DL-Thréonine / DL-Treonina
CH₃CH(OH)CH(NH₂)COOH
C₄H₉NO₃ M = 119,12 g/mol
assay (ex N) 99%

39034 L(-)-Threonine BIOSYNTH®
L(-)-Thréonine / L(-)-Treonina
CH₃CH(OH)CH(NH₂)COOH
C₄H₉NO₃ M = 119,12 g/mol
assay (ex N) 99%
specific rotation ([α]_D²⁰; c=6 in H₂O) -28,5° ± 1,5°
L-Throsine see L(-)-Tyrosine

10534 Thulium powder
Thulium / Tulio
Tm M = 168,93 g/mol
assay 99,9%

PF.	500 g	11,75	10,—	9,40	9
PF.	1 kg	21,50	18,30	17,20	10
PF.	5 kg	80,—	66,40	62,40	60
FTP.	50 kg	kg	7,40		
FTP.	5x	kg	7,10		
2931					
FL.	1 g	7,25	6,15	5,80	1
WG.	5 g	15,50	13,20	12,40	1
2934					
2852	1 pack	17,50	14,90	14,—	1
WG.	100 g	157,—	133,45	125,60	11
2852					
WG.	10 g	77,50	65,90	62,—	5
2923					
WG.	10 g	12,75	10,85	10,20	
2923					
WG.	10 g	14,75	12,55	11,80	
2923					
A.	1 g	311,—	264,35	248,80	2
2805					

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
0595	Thulium fluoride <i>Thulium fluorure / Tulio fluoruro</i> TmF ₃ M = 225,93 g/mol assay 99%	FL. 2852	1 g	195,—	165,75	156,—	146,25
0596	Thulium oxide <i>Thulium oxyde / Tulio óxido</i> Tm ₂ O ₃ M = 385,87 g/mol assay 99%	FL. 2852	1 g	69,50	59,10	55,60	52,15
9187	Thymidine BIOSYNTH® <i>Thymidine / Timidina</i> ampoule of 500 mg $\text{CONHCOC(CH}_3\text{)=CHNCHCH}_2\text{CHOHCH(CH}_2\text{OH)O}$ C ₁₀ H ₁₄ N ₂ O ₅ M = 242,23 g/mol assay (ex N) 99% spec. rotation ([α] _D ²⁰ ; c = 2 in NaOH 1 mol/l) +30,7° ± 2°	2935	1 pack	41,25	35,05	33,—	30,95
9188	Thymine BIOSYNTH® <i>Thymine / Timina</i> $\text{N=C(OH)N=C(OH)C(CH}_3\text{)=CH}$ C ₅ H ₆ N ₂ O ₂ M = 126,11 g/mol assay (UV) 99% melting range 319—321 °C (disint.) log ε/265 (0,1 N HCl) 3,896	WG. 2935	10 g	28,—	23,80	22,40	21,—
254	Thymol DAB 8 <i>Thymol / Timol</i> C ₆ H ₃ (CH ₃)(OH)(C ₃ H ₇)[1,3,4] C ₁₀ H ₁₄ O M = 150,22 g/mol assay 99,5% non-volatile matter 0,05%	PF. PF. PF. FTP. 2906	100 g 250 g 1 kg 10 kg	16,— 35,50 118,— price on request	13,60 30,20 100,30	12,80 28,40 94,40	12,— 26,65 90,85
728	Thymol blue indicator (S. No. 879) <i>Bleu de thymol / Azul de timol</i> C ₂₇ H ₃₀ O ₅ S M = 466,60 g/mol	WG. WG. WG. 2937	5 g 25 g 100 g	12,— 37,75 129,—	10,20 32,10 109,65	9,60 30,20 103,20	9,— 28,30 96,75
727	Thymol blue water-soluble <i>Bleu de thymol / Azul de timol</i>	WG. 3205	5 g	16,25	13,80	13,—	12,20
723	Thymolphthalein indicator, Reag. Ph. Eur. I <i>Thymolphthaléine / Timolftaleína</i> C ₂₈ H ₃₀ O ₄ M = 430,55 g/mol	WG. WG. WG. 2935	5 g 25 g 100 g	10,75 32,— 102,50	9,15 27,20 87,15	8,60 25,60 82,—	8,05 24,— 76,90
729	Thymolphthalexone indicator for complexometry <i>Thymolphthalexone / Timolftalexona</i> (als Säure:) $\text{C}_6\text{H}_4\text{COOC}[\text{C}_6\text{HCH}_3\text{CH}_2\text{N(CH}_2\text{COOH)}_2\text{OHCH(CH}_3\text{)}_2\text{]}_2$ C ₃₈ H ₄₄ N ₂ O ₁₂ M = 720,77 g/mol	FL. 3205	1 g	16,50	14,05	13,20	12,40
Thymolsulphonphthalein see Thymol blue							
Thymolsulphonphthalein-3',3''-bis methyleniminodiacetic acid sodium salt see Thymolphthalexone							
Thymolsulphonphthalein-bis-(methylimino diacetic acid) sodium salt see Methyl thymol blue							
09	Thymol violet indicator <i>Violet de thymol / Violeta de timol</i>	WG. 3205	5 g	25,25	21,45	20,20	18,95
49	L-Thyroxine sodium salt BIOSYNTH® <i>L-Thyroxine, sel sodique / L-Tiroxina, sal sódica</i> HOC ₆ H ₂ J ₂ OC ₆ H ₂ J ₂ CH ₂ CH(NH ₂)COONa · 5H ₂ O C ₁₅ H ₁₀ J ₄ NNaO ₄ · 5H ₂ O M = 888,93 g/mol	FL. 2923	1 g	58,—	49,30	46,40	43,50




Code-Number
A) RNO/ADR
B) GGVS/AGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x 6x 24x
(1 Box) (4 Boxes) (10 Boxes)

Code-Number	Description	Type of package B.T.N.	WG.	25 g	100 g	250 g	1 kg	5 kg	25 kg
63102	Tiglic acid PROSYNTH® <i>Acide tiglique / Acido tiglico</i> $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{COOH}$ $\text{C}_5\text{H}_8\text{O}_2$ $M=100,12$ g/mol assay (alkalimetric) 98% melting range 61–63 °C		2914						
31666	Tin R. G. granulated <i>Etain / Estaño</i> Sn $M=118,69$ g/mol arsenic (As) max. 0,00005% lead (Pb) max. 0,01% iron (Fe) max. 0,005% copper (Cu) max. 0,003% bismuth (Bi) max. 0,005% zinc (Zn) max. 0,002%		8001						
14507	Tin pure granulated <i>Etain / Estaño</i> Sn $M=118,69$ g/mol		8001						
14510	Tin pure in sticks of 8 mm <i>Etain / Estaño</i> Sn $M=118,69$ g/mol		8002						
14509	Tin pure powder <i>Etain / Estaño</i> Sn $M=118,69$ g/mol		8004						
14511	Tin pure foil <i>Etain / Estaño</i> roll of abt. 250 g Sn $M=118,69$ g/mol		8004						
38621	0,100 g Tin FIXANAL® water-soluble standard for atom absorption <i>0,100 g Etain / 0,100 g Estaño</i> ampoule		3819						
38583	1,00 g Tin FIXANAL® watersoluble standard for atom absorption <i>1,00 g Etain / 1,00 g Estaño</i> ampoule		3819						
	Tin bichloride see Tin(II) chloride								
	Tin borofluoride solution see Tin(II) fluoroborate solution								
31655	Tin(II) chloride-2-hydrate R. G. , for determination of mercury <i>Etain(II) chlorure-2-hydrate / Estaño(II) cloruro-2-hidrato</i> $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ $M=225,63$ g/mol assay min. 98% insoluble in hydrochloric acid max. 0,005% ammonium (NH_4) max. 0,002% arsenic (As) max. 0,0001% lead (Pb) max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,002% potassium (K) max. 0,005% copper (Cu) max. 0,001% magnesium (Mg) max. 0,005% manganese (Mn) max. 0,0005% sodium (Na) max. 0,005% nickel (Ni) max. 0,0005% mercury (Hg) max. 0,000001% sulphate (SO_4) max. 0,002%		2830						

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			DM	(1 Box)	(4 Boxes)	(16 Boxes)	
1669	Tin(II) chloride-2-hydrate R. G., Reag. ACS, Reag. Ph. Eur. I <i>Etain(II) chlorure-2-hydrate / Estaño(II) cloruro-2-hidrato</i> $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ $M = 225,63 \text{ g/mol}$ assay min. 97% insoluble in hydrochloric acid max. 0,005% arsenic (As) max. 0,0001% lead (Pb) max. 0,005% calcium (Ca) max. 0,005% iron (Fe) max. 0,002% potassium (K) max. 0,005% copper (Cu) max. 0,001% magnesium (Mg) max. 0,005% manganese (Mn) max. 0,0005% sodium (Na) max. 0,005% sulphate (SO_4) max. 0,002%	WG. WG. WG. FTP. 2830	100 g 500 g 1 kg 25 kg	14,— 54,— 99,— price on request	11,90 45,90 84,15	11,20 43,20 79,20 10,50 41,60 76,25	
1517	Tin(II) chloride-2-hydrate pure cryst. <i>Etain(II) chlorure-2-hydrate / Estaño(II) cloruro-2-hidrato</i> $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ $M = 225,63 \text{ g/mol}$ assay 97% arsenic (As) 0,0002% lead (Pb) 0,01% iron (Fe) 0,01% copper (Cu) 0,001% sulphate (SO_4) 0,01%	PF. PF. PF. FTP. 2830	250 g 1 kg 2,5 kg 50 kg	23,25 78,50 171,— price on request	19,75 66,75 141,95	18,60 62,80 133,40 128,25	
520 111A 1827 2	Tin(IV) chloride fuming <i>Etain(IV) chlorure / Estaño(IV) cloruro</i> SnCl_4 $M = 260,50 \text{ g/mol}$ $1 \text{ L} \approx 2,21 \text{ kg}$ assay 99% arsenic (As) 0,005% iron (Fe) 0,001% sulphate (SO_4) 0,01%  R: 34-37 S: 7/8-26 disposal: 11	FL. STP. 2830	500 ml 50 kg	88,50 price on request	75,25 70,80 68,15		
550 2440 3	Tin(IV) chloride-5-hydrate chem. pure <i>Etain(IV) chlorure-5-hydrate / Estaño(IV) cloruro-5-hidrato</i> $\text{SnCl}_4 \cdot 5\text{H}_2\text{O}$ $M = 350,58 \text{ g/mol}$ assay 98% lead (Pb) 0,005% iron (Fe) 0,005% potassium (K) 0,01% sodium (Na) 0,01% sulphate (SO_4) 0,02%  R: 34-37 S: 7/8-26 disposal: 2	WG. WG. WG. FTP. 2830	500 g 1 kg 2,5 kg 50 kg	37,75 68,50 150,— price on request	32,10 58,25 124,50	30,20 54,80 117,— 112,50	
160 12811 3	Tin(II) fluoride chem. pure <i>Etain(II) fluorure / Estaño(II) fluoruro</i> SnF_2 $M = 156,69 \text{ g/mol}$ total tin 74-76% tin (II) (Sn^{2+}) 71-74% fluorine (F) 23-25% loss on drying (105 °C, 2 h) 0,1% arsenic (As) 0,0002% lead (Pb) 0,005% iron (Fe) 0,005% copper (Cu) 0,005% chloride (Cl) 0,005%  R: 23/24/25 S: 1/2-26-44 disposal: 27	PF. PF. FTP. 2829	100 g 1 kg 50 kg	14,25 105,— price on request	12,10 89,25	11,40 84,— 80,85	

Code-Number

A) RID/ADR
B) GGVE/GGVS
C) MGG-CODE (GGVSee)

01551 Tin(II) fluoroborate solution 50%, for electroplating
Etain(II) fluoroborate en solution / Estaño(II) fluoroborato en solución

$\text{Sn}(\text{BF}_4)_2$ $M = 292,30$ g/mol 1 L \approx 1,60 kg
assay of total tin 20,1–20,5%
assay of Sn (IV) 0,3–0,8%
free fluoroboric acid (HBF_4) 1–3%
free boric acid (H_3BO_3) 1–2%
lead (Pb) 0,005%
iron (Fe) 0,0005%
copper (Cu) 0,0005%
nickel (Ni) 0,0005%
zinc (Zn) 0,002%
chloride (Cl) 0,03%
sulphate (SO_4)

PF.
FPF.
2829

1 L 57,50 48,90 46,— 4
45 kg price on request

01543 Tin(II) fluoroborate solution 50% special for electroplating
Etain(II) fluoroborate en solution / Estaño(II) fluoroborato en solución

$\text{Sn}(\text{BF}_4)_2$ $M = 292,30$ g/mol 1 L \approx 1,65 kg
assay of total-tin 20,1–20,5%
assay of Sn(IV) 0,3–0,8%
free fluoroboric acid (HBF_4) 1–3%
free boric acid (H_3BO_3) 1–2%
lead (Pb) 0,05%
iron (Fe) 0,002%
cobalt (Co) 0,0005%
copper (Cu) 0,0005%
nickel (Ni) 0,0005%
zinc (Zn) 0,0005%
chloride (Cl) 0,002%
sulphate (SO_4) 0,002%

PF.
FPF.
2829

1 L 57,50 48,90 46,— 4
45 kg price on request

14527 Tin(II) oxide pure
Etain(II) oxyde / Estaño(II) óxido

SnO $M = 134,69$ g/mol
assay (SnO) abt. 93%

PF.
PF.
2828

100 g 25,25 21,45 20,20 1
1 kg 190,— 161,50 152,— 14

14529 Tin(IV) oxide white amorphous
Etain(IV) oxyde / Estaño(IV) óxido

SnO_2 $M = 150,69$ g/mol
assay (SnO₂) 99,9%

PF.
S.
2828

1 kg 96,— 81,60 76,80 7
50 kg price on request

Tin salt see Tin(II) chloride

14551 Tin sulphamate solution 15% Sn
Etain sulfamate en solution / Estaño sulfamato en solución

1 L \approx 1,41 kg

PF.
FPF.
2848

1 L price on request
40 kg price on request

14531 Tin(II) sulphate
Etain(II) sulfate / Estaño(II) sulfato

SnSO_4 $M = 214,75$ g/mol
assay (Sn) 50%
insoluble in acid 0,5%
free sulphuric acid 2%
antimony (Sb) 0,1%
arsenic (As) 0,01%
chloride (Cl) 0,1%

PF.
PF.
PF.
FTP.
2838

250 g 34,25 29,10 27,40 2
1 kg 113,— 96,05 90,40 8
5 kg 483,— 400,90 376,75 36
100 kg price on request






Tin tetrachloride see Tin(IV) chloride

33724 Tiron R. G. and for metal titration
Tiron / Tirón

$(\text{HO})_2\text{C}_6\text{H}_2(\text{SO}_3\text{Na})_2 \cdot \text{H}_2\text{O}$
 $\text{C}_6\text{H}_4\text{Na}_2\text{O}_6\text{S}_2 \cdot \text{H}_2\text{O}$ $M = 332,22$ g/mol

WG.
WG.
2907

10 g 10,75 9,15 8,60
100 g 54,50 46,35 43,60 4

de-Number RID/ADR GGVE/GGVS MDG-CODE (GGVSee)	Type of package B.T.N.	Price per				
		package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)
045 /15B 3 1992 2 24 °C	Tissue solubilizer (quat-base) 1 M solution in methanol for scintillation <i>Solvant de tissu / Solvente de tisú</i> 1 L ≈ 0,84 kg	FL. 3819	500 ml	93,50	79,50	74,80 72,—
	  R: 11-23/25 S: 2-7-16-24 disposal: 18					
	Titanic acid anhydrous see Titanium(IV) oxide					
0617	0,100 g Titanium FIXANAL® water-soluble standard for atom absorption <i>0,100 g Titane / 0,100 g Titanio</i> ampoule	3819	1 pack	10,25	8,70	8,20 7,70
0578 3/5 3 1789 2	1,00 g Titanium FIXANAL® watersoluble standard for atom absorption <i>1,00 g Titane / 1,00 g Titanio</i> ampoule	3819	1 pack	10,25	8,70	8,20 7,70
010 /5 3 1789 2	Titanium(III) chloride solution 15% <i>Titane(III) chlorure en solution / Titanio(III) cloruro en solución</i> TiCl ₃ M = 154,26 g/mol 1 L ≈ 1,20 kg iron (Fe) 0,001 % lead (Pb) 0,001 %	PF. PF. PF. STP. 2830	250 ml 1 L 2,5 L 35 kg	12,50 33,25 71,50 price on request	10,65 28,25 59,35	10,— 26,60 55,75 53,65
	 R: 36/38 S: 2-28 disposal: 2					
012 /11A 3 1838 2	Titanium(IV) chloride <i>Titane(IV) chlorure / Titanio(IV) cloruro</i> TiCl ₄ M = 189,71 g/mol 1 L ≈ 1,73 kg assay 99,5 % boiling range 135—136 °C aluminium (Al) 0,001 % iron (Fe) 0,01 % silicium (Si) 0,005 % vanadium (V) 0,001 % tin (Sn) 0,005 % free chlorine (Cl ₂) 0,002 %	FL. FL. STP. 2830	250 ml 1 L 45 kg	14,75 40,— price on request	12,55 34,—	11,80 32,— 30,80
	 R: 14-34-36/37 S: 7/8-26 disposal: 11					
	Titanium dioxide see Titanium(IV) oxide					
014 3 2811 3	Titanium(III) fluoride <i>Titane(III) fluorure / Titanio(III) fluoruro</i> TiF ₃ M = 104,90 g/mol assay 97 %	PF. 2829	10 g	61,50	52,30	49,20 46,15
015 /15B 3 759 2	Titanium(IV) fluoride <i>Titane(IV) fluorure / Titanio(IV) fluoruro</i> TiF ₄ M = 123,89 g/mol assay 98 %	PF. 2829	10 g	29,50	25,10	23,60 22,15
013 /748 /6E 3 1871 2	Titanium hydride <i>Titane hydrure / Titanio hidruro</i> TiH ₂ M = 49,92 g/mol	BL. 2857	100 g	39,25	33,35	31,40 29,45
	 R: 15 S: 7/8-24/25-43A disposal: 28					

Code-Number
A) RHD/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x	6x	24x	9x
(1 Box)	(4 Boxes)	(4 Boxes)	(16 B)

14015 Titanium(IV) oxide chem. pure
Titane(IV) oxyde / Titanio(IV) óxido
TiO₂ M = 79,90 g/mol
assay 99,8%
soluble in acid (0,5 N HCl) 0,2%
loss on drying (105 °C) 0,2%
loss on ignition (1000 °C, 2 h) 0,2%
arsenic (As) 0,0003%
lead (Pb) 0,001%
iron (Fe) 0,001%

14021 Titanium(IV) oxide technical
Titane(IV) oxyde / Titanio(IV) óxido
TiO₂ M = 79,90 g/mol
assay 99%
loss on ignition (1000 °C, 2 h) 0,5%
arsenic (As) 0,0005%
lead (Pb) 0,005%
iron (Fe) 0,005%

14017 Titanium(IV) oxide natural (Rutil)
Titane(IV) oxyde / Titanio(IV) óxido
TiO₂ M = 79,90 g/mol

14023 Titanium oxide sulphate (so-called titanyl sulphate) 50% TiO₂
Titane oxysulfate / Titanio óxido sulfato
TiOSO₄ M = 159,96 g/mol

Titanium potassium fluoride see Potassium fluorotitanate(IV)
Titanium potassium oxalate see Potassium titanium oxide oxalate
Titanium tetrachloride see Titanium(IV) chloride
Titanium trichloride solution see Titanium(III) chloride solution





33725 Titan yellow R. G., Reag. Ph. Eur. I (C.I. No. 19540, S. No. 280)
Jaune titan / Amarillo de titanio
C₂₀H₁₉N₅Na₂O₆S₄ M = 695,73 g/mol

65138 Titanyl acetylacetonate monohydrate PROSYNTH®
Titanyle acétylacétonate monohydrate / Titanilo acetilacetionato monohidrato
C₁₀H₁₄O₅Ti · H₂O M = 280,13 g/mol
assay (ex Ti) 99%
melting range 159 – 161 °C (disint.)

TLC cards and plates see Aluminium oxyde, Cellulose, Silica gel
TLC-Cards and TLC-Micro-Cards Silica gel see Silica gel
TLC-Cards Cellulose see Cellulose
TLC-Dye-stuff mixture see Dye-stuff mixture
TLC-Micro-Cards SIF Silicagel see Silica gel

35757 2,4,5-T-methyl ester min. 99 % PESTANAL®
A 6.1/03 (2,4,5-Trichlorophenoxymethyl acetate)
C 6.1 / 3 Cl₃C₆H₂OCH₂COOCH₃
C₉H₇Cl₃O₃ M = 269,51 g/mol

PF.	250 g	8,50	7,25	6,80	6
PF.	1 kg	22,—	18,70	17,60	16
PF.	5 kg	82,—	68,05	63,95	61
S.	25 kg	price on request			
2825					
PF.	1 kg	16,25	13,80	13,—	12
S.	25 kg	price on request			
2825					
PF.	5 kg	45,25	37,55	35,30	31
2601					
PF.	100 g	10,—	8,50	8,—	1
PF.	250 g	19,50	16,60	15,60	1
PF.	1 kg	57,—	48,45	45,60	4
FTP.	100 kg	price on request			
2838					
WG.	25 g	13,50	11,50	10,80	1
WG.	50 g	25,—	21,25	20,—	1
3205					
WG.	100 g	103,50	88,—	82,80	7
2934					
FL.	1 g	21,50	18,30	17,20	1
2916					

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)	Type of package B.T.N.	Price per package DM				
		1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	
5760 6.1/83D2 6.1 1609 3	TMTD (Thiram) min. 99% PESTANAL® (Tetramethylthiuramdisulfide) $(\text{CH}_3)_2\text{NC}(\text{S})\text{SSC}(\text{S})\text{N}(\text{CH}_3)_2$ $\text{C}_6\text{H}_{12}\text{N}_2\text{S}_4$ $M = 240,42$ g/mol  R: 22-38 S: 2-13 disposal: 7	FL. 2931	1 g	14,—	11,90	11,20 10,50
6057	TOBO for scintillation [2-(4-Tolyl)-benzoxazol] <i>TOBO / TOBO</i> $\text{OC}_6\text{H}_4\text{N}=\text{C}_6\text{H}_4\text{CH}_3$ $\text{C}_{14}\text{H}_{11}\text{NO}$ $M = 209,25$ g/mol	PF. 2935	100 g	56,—	47,60	44,80 42,—
9450	DL-α-Tocopherol BIOSYNTH® <i>DL-α-Tocophérol / DL-α-Tocoferol</i> $\text{C}_{29}\text{H}_{50}\text{O}_2$ $M = 430,71$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2938	50 g	27,75	23,60	22,20 20,80
9209	DL-α-Tocopherol acetate BIOSYNTH® <i>DL-α-Tocophérol acétate / DL-α-Tocoferol acetato</i> $\text{C}_{31}\text{H}_{52}\text{O}_3$ $M = 472,75$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	25 g	13,75	11,70	11,— 10,30
1084 1/5 1.2 1142 2 1°C	Töpfer's reagent for hydrochloric acid in gastric juice (0,5% ethanolic dimethylaminoazobenzene solution) <i>Réactif de Töpfer / Reactivo de Töpfer</i> $1 \text{ L} \approx 0,80 \text{ kg}$  R: 11 S: 7-16 disposal: 6	3819				
	Tolene-4-sulphonic acid chloramide sodium salt see Chloramine T	FL.	250 ml	13,25	11,25	10,60 9,95
222 1/81G 1 2811 3	o-Tolidine pure <i>o-Tolidine / o-Tolidina</i> $\text{NH}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{C}_6\text{H}_3(\text{CH}_3)\text{NH}_2$ $\text{C}_{14}\text{H}_{16}\text{N}_2$ $M = 212,29$ g/mol  R: 20/21/22 S: 22-36 disposal: 19	WG. WG. 2922	50 g 250 g	11,75 45,25	10,— 38,45	9,40 36,20 8,80 33,95
226	o-Tolidine hydrochloride R. G. <i>o-Tolidine chlorhydrate / o-Tolidina clorhidrato</i> $\text{NH}_2(\text{CH}_3)\text{C}_6\text{H}_3\text{C}_6\text{H}_3(\text{CH}_3)\text{NH}_2 \cdot 2\text{HCl}$ $\text{C}_{14}\text{H}_{18}\text{Cl}_2\text{N}_2$ $M = 285,22$ g/mol assay (acidimetric) min. 99% sulphated ash max. 0,1% iron (Fe) max. 0,001% heavy metals (as Pb) max. 0,001%  R: 20/21/22 S: 22-36 disposal: 7	PF. PF. 2922	25 g 100 g	12,— 37,25	10,20 31,65	9,60 29,80 9,— 27,95
	p-Tolualdehyde see 4-Methylbenzaldehyde					

Code Number
A: R.E. ADR
B: UN Code
C: MDG CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x
(1 Box)

24x
(4 Boxes)

9x
(16 Boxes)

32249 ★ Toluene R G free from sulphur, Reag. ACS, Reag. ISO,

A 3/1A Reag. Ph. Eur. I
C 3.2 1294 2 Toluène / Tolueno

+ 7°C

C6H5CH3 1 L ≈ 0,86 kg
C7H8 M = 92,14 g/mol
assay (GC) min. 99,5%
boiling range 109–112 °C
density (D₄²⁰) 0,865–0,868
refractive index (n_D²⁰) 1,4950–1,4970
non-volatile matter max. 0,001%
water (according to Karl Fischer) max. 0,03%
free acid (as HCl) max. 0,001%
free alkali (as NaOH) max. 0,001%
aluminium (Al) max. 0,00005%
barium (Ba) max. 0,00001%
lead (Pb) max. 0,00001%
boron (B) max. 0,00002%
cadmium (Cd) max. 0,00005%
calcium (Ca) max. 0,00005%
chromium (Cr) max. 0,00002%
iron (Fe) max. 0,00001%
cobalt (Co) max. 0,00002%
copper (Cu) max. 0,00002%
magnesium (Mg) max. 0,00001%
manganese (Mn) max. 0,00002%
nickel (Ni) max. 0,00002%
zinc (Zn) max. 0,00001%
tin (Sn) max. 0,00001%
sulphur compounds (as S) max. 0,003%
reaction to sulphuric acid passes test
thiophene max. 0,001%
other organic impurities (CH₂=CHCHO) max. 0,001%



R: 11-20 S: 16-29-33
disposal: 6

30834 Toluene min. 99,9% for gas chromatography

A 3/1A Toluène / Tolueno

C 3.2 1294 2

C6H5CH3

+ 7°C

C7H8 M = 92,14 g/mol

1 L ≈ 0,86 kg



R: 11-20 S: 16-29-33
disposal: 6

56027 ★ Toluene for scintillation

A 3/1A Toluène / Tolueno

C 3.2 1294 2

C6H5CH3

+ 7°C

C7H8 M = 92,14 g/mol



R: 11-20 S: 16-29-33
disposal: 6

34929 Toluene SPECTRANAL®

A 3/1A Toluène / Tolueno

C 3.2 1294 2

C6H5CH3

+ 7°C

C7H8 M = 92,14 g/mol

1 L ≈ 0,86 kg

assay (GC) min. 99,7%
non-volatile matter max. 0,0005%
water (according to Karl Fischer) max. 0,02%
free acid (as HCl) max. 0,001%
thiophene max. 0,0005%
suitability for UV-spectroscopy
transmittance (1 cm cell; reference: water)
transmittance/wavelength (nm):
min. 10%/285, min. 45%/290, min. 80%/305,
min. 86%/310, min. 91%/320, min. 98%/from 350
suitability for IR spectroscopy passes test



R: 11-20 S: 16-29-33
disposal: 6

FL.
FL.
EKL.
EKL.
EKL.
2901

	1 L	20,75	17,65	16,20	11,20
2,5 L	43,50	36,10	33,95	31,25	28,75
30 L	L	10,25			
5x	L	9,75			
10x	L	9,30			

FL.
2901





	5 ml	49,25	41,85	39,40	37,00

FL.
2901

	1 L	24,75	21,05	19,80	18,50

FL.
2901

	1 L	31,25	26,55	25,—	23,75

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
4866 ★ Toluene CHROMASOLV® for chromatography (UV-detection) 3/1A <i>Toluène / Tolueno</i> 3.2 1294 2 <chem>C6H5CH3</chem> 7°C <chem>C7H8</chem> $M = 92,14 \text{ g/mol}$ 1 L ≈ 0,86 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,02% free acid (as HCl) max. 0,001% thiophene max. 0,0005% transmittance (1 cm cell; reference water) transmittance/wavelength (nm): min. 20%/290, min. 80%/310, min. 98%/from 350   R: 11-20 S: 16-29-33 disposal: 6		FL. 2901	1 L	25,—	21,25	20,—	19,25
4494 ★ Toluene PESTANAL® 3/1A <i>Toluène / Tolueno</i> 3.2 1294 2 <chem>C6H5CH3</chem> 7°C <chem>C7H8</chem> $M = 92,14 \text{ g/mol}$ 1 L ≈ 0,86 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,02% suitability for residue analysis: Traceable accompanying substances (GC/ECD) (column 0,5 m, glass capillary Ø 3 mm Silicon TLC 200 on Chro- mosorb® 100/200) show in the retention volum zones between Pentachlorobenzene, α-HCH, Aldrin and DDT a peak of $< 5 \cdot 10^{-10} \% \hat{=} 5 \text{ ng/l}$.   R: 11-20 S: 16-29-33 disposal: 6		FL. FL. 2901	1 L 2,5 L	23,— 48,25	19,55 40,05	18,40 37,65	17,70 36,20

Code-Number
A) RID/ADR
B) GGV/SGVS
C) IMDG-CODE (GGVSee)

17864 ★ Toluene PURANAL®

A 3/1A Toluène / Tolueno

C 3.2 1294 2	C ₆ H ₅ CH ₃	1 L ≈ 0,86 kg
+ 7°C	C ₇ H ₈ M = 92,14 g/mol	min. 99,5%
	assay	109–112 °C
	boiling range	0,865–0,868
	density (D ₄ ²⁰)	1,4950–1,4970
	refractive index (n _D ²⁰)	max. 5 ppm
	non-volatile matter	max. 300 ppm
	water (according to Karl Fischer)	max. 5 ppm
	free acid (as HCl)	max. 5 ppm
	free alkali (as NaOH)	max. 0,05 ppm
	aluminium (Al)	max. 0,01 ppm
	antimony (Sb)	max. 0,01 ppm
	arsenic (As)	max. 0,1 ppm
	barium (Ba)	max. 0,01 ppm
	beryllium (Be)	max. 0,02 ppm
	lead (Pb)	max. 0,02 ppm
	boron (B)	max. 0,01 ppm
	cadmium (Cd)	max. 0,2 ppm
	calcium (Ca)	max. 0,01 ppm
	chromium (Cr)	max. 0,1 ppm
	iron (Fe)	max. 0,02 ppm
	gallium (Ga)	max. 0,02 ppm
	gold (Au)	max. 0,02 ppm
	indium (In)	max. 0,1 ppm
	potassium (K)	max. 0,01 ppm
	cobalt (Co)	max. 0,01 ppm
	copper (Cu)	max. 0,02 ppm
	lithium (Li)	max. 0,1 ppm
	magnesium (Mg)	max. 0,01 ppm
	manganese (Mn)	max. 0,01 ppm
	molybdenum (Mo)	max. 0,2 ppm
	sodium (Na)	max. 0,01 ppm
	nickel (Ni)	max. 0,02 ppm
	platinum (Pt)	max. 0,02 ppm
	silver (Ag)	max. 0,02 ppm
	strontium (Sr)	max. 0,02 ppm
	thallium (Tl)	max. 0,01 ppm
	titanium (Ti)	max. 0,01 ppm
	vanadium (V)	max. 0,02 ppm
	bismuth (Bi)	max. 0,02 ppm
	zinc (Zn)	max. 0,01 ppm
	zirconium (Zr)	max. 30 ppm
	sulphur compounds (as S)	max. 5 ppm
	thiophene	



R: 11-20 S: 16-29-33
disposal: 6

24529 ★ Toluene chem. pure (thiophen max. 0,001%)

A 3/1A Toluène / Tolueno

C 3.2 1294 2	C ₆ H ₅ CH ₃	1 L ≈ 0,86 kg
+ 7°C	C ₇ H ₈ M = 92,14 g/mol	99,5%
	assay (GC)	109–112 °C
	boiling range	0,865–0,868
	density (D ₄ ²⁰)	1,4950–1,4980
	refractive index (n _D ²⁰)	0,001%
	non-volatile matter	0,05%
	water (according to Karl Fischer)	0,0005%
	thiophene	



R: 11-20 S: 16-29-33
disposal: 6

24526 ★ Toluene pure Erg. B. 6

A 3/1A Toluène / Tolueno

C 3.2 1294 2	C ₆ H ₅ CH ₃	1 L ≈ 0,86 kg
+ 7°C	C ₇ H ₈ M = 92,14 g/mol	99%
	assay (GC)	109–112 °C
	boiling range	0,864–0,868
	density (D ₄ ²⁰)	1,4950–1,5000
	refractive index (n _D ²⁰)	0,005%
	non-volatile matter	0,1%
	water (according to Karl Fischer)	



R: 11-20 S: 16-29-33
disposal: 6

FL.
EKL.
2901

2,5 L
30 L




price on request
price on request

FL.	1 L	16,50	14,05	12,85
FL.	2,5 L	33,25	27,60	25,95
EKL.	30 L	L	5,10	
EKL.	5x	L	4,70	

2901

FL.	1 L	15,—	12,75	12,—
FL.	2,5 L	31,50	26,15	24,55
EKL.	30 L	L	3,85	
EKL.	5x	L	3,65	
EKL.	10x	L	3,50	
EKL.	20x	L	3,30	
F.	200 L		price on request	

2901

Code-Number RID/ADR GGVE/GGVS IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
9075	Toluene-d₈ deuteration degree not less than 99 atom% D <i>Toluène-d₈ / Tolueno-d₈</i> C ₆ D ₅ CD ₃ C ₇ D ₈ M = 100,08 g/mol 1 L ≈ 0,94 kg   R: 11-20 S: 16-29-33 disposal: 6	A. 2851	10 ml	130,—	110,50	104,—	97,50
3107	4-Toluenesulphonamide PROSYNTH® <i>4-Toluènesulfonamide / 4-Toluenosulfonamida</i> CH ₃ C ₆ H ₄ SO ₂ NH ₂ C ₇ H ₉ NO ₂ S M = 171,22 g/mol assay (ex N) 98% melting range 134—137 °C	PF. 2936	1 kg	52,50	44,65	42,—	40,45
5265	Toluenesulphonamide mixture of 2- and 4-isomers <i>Toluènesulfonamide / Toluenosulfonamida</i> CH ₃ C ₆ H ₄ SO ₂ NH ₂ C ₇ H ₉ NO ₂ S M = 171,22 g/mol	PF. S. 2936	1 kg 45 kg	49,25 price on request	41,85	39,40	37,90
1877	4-Toluene sulphonhydrazide PROSYNTH® <i>Hydrazide toluènesulfonique-4 / Acido 4-toluenosulfónico hidrazida</i> CH ₃ C ₆ H ₄ SO ₂ NHNNH ₂ C ₇ H ₁₀ N ₂ O ₂ S M = 186,23 g/mol assay (ex N) 97% melting range 105—108 °C (disint.)	WG. 2929	50 g	47,50	40,40	38,—	35,65
1815	4-Toluenesulphonic acid monohydrate <i>Acide toluènesulfonique-(4) monohydrate / Acido toluenosulfónico-(4) monohidrato</i> C ₆ H ₄ (CH ₃)(SO ₃ H) · H ₂ O C ₇ H ₈ O ₃ S · H ₂ O M = 190,22 g/mol assay of C ₇ H ₈ O ₃ S 90% water (according to Karl Fischer) 10%  R: 36/37/38 S: 26-37 disposal: 21	PF. PF. S. S. 2903	1 kg 2,5 kg 25 kg 5x	23,50 50,— kg 5,— kg 4,75	20,— 41,50	18,80 39,—	18,10 37,50
878	4-Toluenesulphonic acid silver salt PROSYNTH® <i>Acide toluènesulfonique-(4) sel d'argent / Acido toluenosulfónico-(4) sal de plata</i> CH ₃ C ₆ H ₄ SO ₃ Ag C ₇ H ₇ AgO ₃ S M = 279,06 g/mol assay (ex Ag) 97%	PF. 2903	1 g	price on request			
876	4-Toluenesulphonic anhydride PROSYNTH® <i>Anhydride toluènesulfonique-4 / Anhidrido 4-toluenosulfónico</i> (CH ₃ C ₆ H ₄ SO ₂) ₂ O C ₁₄ H ₁₄ O ₅ S ₂ M = 326,39 g/mol assay 97% melting range 125—128 °C	WG. 2903	25 g	117,—	99,45	93,60	87,75
399	4-Toluenesulphonyl chloride PROSYNTH® <i>Toluènesulfonyle chlorure-4 / 4-Toluenosulfonilo cloruro</i> CH ₃ C ₆ H ₄ SO ₂ Cl C ₇ H ₇ ClO ₂ S M = 190,65 g/mol assay 98% melting range 67—69 °C	WG. WG. 2903	250 g 1 kg	13,— 41,50	11,05 35,30	10,40 33,20	9,75 31,95

Code-Number
A) RID/ADR
B) GHS/CLP
C) GHS/CLP (GGVSee)

65107 4-Toluenesulphonyl iso-cyanate PROSYNTH®
4-Toluenesulfonyl iso-cyanate / 4-Toluenosulfonilo iso-
cianato
CH3C6H4SO2NCO 1 L ≈ 1,30 kg
C6H7NO3S M = 197,21 g/mol 98%
assay (ex S) 142–144 °C
boiling range (at 13 mbar) 1,535
refractive index (n_D²⁰)



R: 23/24/25 S: 44
disposal: 6

64606 Toluenesulphonyl-(4)-methyl iso-cyanide PROSYNTH®
Toluenesulfonyl-(4)-methyl iso-cyanure / Toluenosulfonil-
(4)-metil iso-cianuro
CH3C6H4SO2CH2NC
C9H9NO2S M = 195,24 g/mol
melting range 111–113 °C



R: 23/24/25 S: 44
disposal: 15

64134 4-Toluenethiol PROSYNTH®
4-Toluenethiol / 4-Toluenotiol
CH3C6H4SH
C7H9S M = 124,21 g/mol 98%
assay 41–43 °C
melting range

Toluic acid see Methylbenzoic acid

16224 o-Toluidine
o-Toluidine / o-Toluidina
CH3C6H4NH2 1 L ≈ 0,99 kg
C7H9N M = 107,15 g/mol



R: 23/24/25-33 S: 28-36/37-44
disposal: 19

63103 m-Toluidine PROSYNTH®
m-Toluidine / m-Toluidina
CH3C6H4NH2 1 L ≈ 0,99 kg
C7H9N M = 107,15 g/mol 98%
assay (GC) 203–205 °C
boiling range 1,567
refractive index (n_D²⁰)



R: 23/24/25-33 S: 28-36/37-44
disposal: 19

36118 p-Toluidine for the determination of hydroxymethylfurfural
according to Winkler (4-Methylaniline)
p-Toluidine / p-Toluidina
CH3C6H4NH2
C7H9N M = 107,15 g/mol



R: 23/24/25-33 S: 28-36/37-44
disposal: 19

16228 p-Toluidine technical
p-Toluidine / p-Toluidina
CH3C6H4NH2
C7H9N M = 107,15 g/mol



R: 23/24/25-33 S: 28-36/37-44
disposal: 19

FL.
2930

25 ml 14,25 12,10 11,40 10

WG.
2927

10 g 72,— 61,20 57,60 54

WG.
2931

100 g 32,75 27,85 26,20 24

FL.
FL.
EKS.
2922

500 ml 12,75 10,85 10,20
1 L 23,— 19,55 18,40
35 kg price on request

FL.
2922



500 ml 20,75 17,65 16,60 10

WG.
WG.
2922

250 g 42,75 36,35 34,20 3
1 kg 142,— 120,70 113,60 10

WG.
WG.
2922

500 g 23,75 20,20 19,— 1
1 kg 43,75 37,20 35,— 3

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
4875	p-Toluidinium chloride PROSYNTH® <i>p-Toluidine chlorhydrate / p-Toluidinio cloruro</i> <chem>CH3C6H4NH2 · HCl</chem> <chem>C7H10ClN</chem> $M = 143,62 \text{ g/mol}$ assay (ex Cl) 99% melting range 241–243 °C  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	WG. 2922	250 g	38,25	32,50	30,60	28,70
3104	m-Tolunitrile PROSYNTH® <i>m-Tolunitrile / m-Tolunitrilo</i> <chem>CH3C6H4CN</chem> <chem>C8H7N</chem> $M = 117,15 \text{ g/mol}$ 1 L ≈ 0,98 kg assay (GC) 98% boiling range (at 27 mbar) 99–101 °C refractive index (n_D^{20}) 1,525	FL. 2927	100 ml	10,50	8,95	8,40	7,90
3105	p-Tolunitrile PROSYNTH® <i>p-Tolunitrile / p-Tolunitrilo</i> <chem>CH3C6H4CN</chem> <chem>C8H7N</chem> $M = 117,15 \text{ g/mol}$ assay (GC) 98% melting range 27–29 °C o-Toluyll acid see 2-Methylbenzoic acid m-Toluyll acid see 3-Methylbenzoic acid p-Toluyll acid see 4-Methylbenzoic acid p-Toluyll chloride see 4-Methylbenzoyl chloride	PF. 2927	100 g	13,25	11,25	10,60	9,95
3109	Toluyllene-2,4-diisocyanate PROSYNTH® <i>Toluyllène-2-4-diisocyanate / Toluileno-2,4-diisocianato</i> <chem>CH3C6H3(NCO)2</chem> <chem>C9H6N2O2</chem> $M = 174,16 \text{ g/mol}$ 1 L ≈ 1,22 kg assay 2,4-isomer 80% 2,6-isomer 20%  R: 26/27/28 S: 28-38-45 disposal: 7	FL. 2930	250 ml	17,—	14,45	13,60	12,75
769	2-Tolylacetic acid PROSYNTH® <i>Acide 2-tolylacétique / Acido 2-tolilacético</i> <chem>CH3C6H4CH2COOH</chem> <chem>C9H10O2</chem> $M = 150,18 \text{ g/mol}$ assay (alkalimetric) 99% melting range 86–88 °C	WG. 2914	10 g	29,50	25,10	23,60	22,15
770	3-Tolylacetic acid PROSYNTH® <i>Acide 3-tolylacétique / Acido 3-tolilacético</i> <chem>CH3C6H4CH2COOH</chem> <chem>C9H10O2</chem> $M = 150,18 \text{ g/mol}$ assay (alkalimetric) 99% melting range 63–65 °C	WG. 2914	10 g	26,25	22,30	21,—	19,70
771	4-Tolylacetic acid PROSYNTH® <i>Acide 4-tolylacétique / Acido 4-tolilacético</i> <chem>CH3C6H4CH2COOH</chem> <chem>C9H10O2</chem> $M = 150,18 \text{ g/mol}$ assay (alkalimetric) 99% melting range 89–91 °C	WG. 2914	10 g	25,25	21,45	20,20	18,95

Code-Number
A) RID/ADR
B) GVE/GGVs
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x
(1 Box)

6x
(4 Boxes)

24x
(16 Boxes)

63621 2-Tolylacetonitrile PROSYNTH®
A 6.1/21A 2-Tolylacétonitrile / 2-Tolilacetonitrilo
C 6.1 1935 1 CH3C6H4CH2CN
C9H9N $M = 131,18 \text{ g/mol}$ $1 \text{ L} \approx 1,01 \text{ kg}$
assay (GC) 98%
boiling range 116–118 °C
refractive index (n_D^{20}) 1,527



R: 23/24/25 S: 44
disposal: 15

63622 3-Tolylacetonitrile PROSYNTH®
A 6.1/21A 3-Tolylacétonitrile / 3-Tolilacetonitrilo
C 6.1 1935 1 CH3C6H4CH2CN
C9H9N $M = 131,18 \text{ g/mol}$ $1 \text{ L} \approx 0,99 \text{ kg}$
assay (GC) 97%
boiling range (at 20 mbar) 131–133 °C
refractive index (n_D^{20}) 1,518



R: 23/24/25 S: 44
disposal: 15

63110 4-Tolylacetonitrile PROSYNTH®
A 6.1/21A 4-Tolylacétonitrile / 4-Tolilacetonitrilo
C 6.1 1935 1 CH3C6H4CH2CN
C9H9N $M = 131,18 \text{ g/mol}$ $1 \text{ L} \approx 0,99 \text{ kg}$
assay (GC) 98%
boiling range 241–243 °C
refractive index (n_D^{20}) 1,519



R: 23/24/25 S: 44
disposal: 15

39121 N^α-Tosyl-L-arginine methyl ester hydrochloride (TAME)
BIOSYNTH®
Méthyle N^α-tosyl-L-argininate chlorhydrate (TAME) / Metilo N^α-tosil-L-argininato clorhidrato (TAME)
HN=C(NH2)NH(CH2)3CH(NHSO2C6H4CH3)COOCH3 · HCl
C14H23ClN4O4S $M = 378,88 \text{ g/mol}$
melting range 144–146 °C

56026 TPB for scintillation [1,1,4,4-Tetraphenylbutadiene-(1,3)]
C6H5)2C=CHCH=C(C6H5)2
C28H22 $M = 358,48 \text{ g/mol}$
melting range 201–203 °C

35763 2,4,5-TP (Fenoprop) min. 99% PESTANAL®
A 6.1/83 [2-(2,4,5-Trichlorophenoxy)-peopionic acid]
C 6.1 / 3 Cl3C6H2OCH(CH3)COOH
C9H7Cl3O3 $M = 269,51 \text{ g/mol}$



R: 20/21/22 S: 2-13
disposal: 7

35764 2,4,5-TP-methyl ester min. 99% PESTANAL®
A 6.1/83 [2-(2,4,5-Trichlorophenoxy)-methyl propionate]
C 6.1 / 3 Cl3C6H2OCH(CH3)COOCH3
C10H9Cl3O3 $M = 283,54 \text{ g/mol}$



R: 20/21/22 S: 2-13
disposal: 7

TPTZ see 2,4,6-Tris-(2'-pyridyl)-s-triazine

18729 Tragacanth white fine powder DAB 7
Gomme adragante / Goma tragacanto

PF. 250 g 42,— 35,70 33,60 31,50
PF. 1 kg 140,— 119,— 112,— 107,80
FTP. 50 kg price on request
1302

Code-Number
RID/ADR
GGVE/GGVS
IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per
package DM

1x

6x


24x

96x





(1 Box)




(4 Boxes)


(16 Boxes)


Code-Number	Description	Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
9160	D(+)-Trehalose dihydrate BIOSYNTH® <i>D(+)-Tréhalose dihydrate / D(+)-Trehalosa dihidrato</i> $C_{12}H_{22}O_{11} \cdot 2H_2O$ $M = 378,33$ g/mol melting range 97–99 °C specific rotation $[\alpha]_D^{20}$; $c = 1$ in H_2O) +177° ± 2° Triacetin see Glycerol triacetate	WG. 2943	10 g	41,50	35,30	33,20	31,10
5141 26 °C	1,1,2-Triacetoxymethane PROSYNTH® <i>1-1-2-Triacétoxyéthane / 1,1,2-Triacetoxietano</i> $(CH_3COO)_2CHCH_2OCOCH_3$ $C_8H_{12}O_6$ $M = 204,18$ g/mol assay (GC) 97%	FL. 2916	100 ml	114,—	96,90	91,20	85,50
1772	1,3,5-Triacetylbenzene PROSYNTH® <i>1-3-5-Triacétylbenzène / 1,3,5-Triacetilbenceno</i> $C_6H_3(COCH_3)_3$ $C_{12}H_{12}O_3$ $M = 204,23$ g/mol assay (GC) 90% melting range 158–160 °C	WG. 2913	25 g	12,—	10,20	9,60	9,—
871 1/83 1.1 / 3	Triallat min. 99% PESTANAL® (N,N-Diisopropyl-2,3,3-trichloroallylthiocarbamate) $[(CH_3)_2CH]_2NCOSCH_2CCl=CCl_2$ $C_{10}H_{16}Cl_3NOS$ $M = 304,67$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/22 S: 2-13 disposal: 7	FL. 2931	2 g	56,50	48,05	45,20	42,40
773 1/21 1 2811 2	Triallyl cyanurate PROSYNTH® stabilized with hydroquinone (0,1 g/l) <i>Triallyle cyanurate / Trialilo cianurato</i> $N = C(OCH_2CH=CH_2)N = C(OCH_2CH_2CH=CH_2)N = C(OCH_2CH=CH_2)$ $C_{12}H_{15}N_3O_3$ $M = 249,27$ g/mol assay (GC) 99% melting range 26–28 °C keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	250 g	30,75	26,15	24,60	23,05
110	2,4,6-Triaminopyrimidine PROSYNTH® <i>2-4-6-Triaminopyrimidine / 2,4,6-Triaminopirimidina</i> $N = C(NH_2)N = C(NH_2)CH = CNH_2$ $C_4H_7N_5$ $M = 125,13$ g/mol assay 98% melting range 247–250 °C	WG. 2935	10 g	22,—	18,70	17,60	16,50
240	2,4,6-Triamino-1,3,5-triazine PROSYNTH® <i>2-4-6-Triamino-1-3-5-triazine / 2,4,6-Triamino-1,3,5-triazina</i> $N = C(NH_2)N = C(NH_2)N = CNH_2$ $C_3H_6N_6$ $M = 126,12$ g/mol assay (ex N) 99%	PF. 2935	1 kg	26,25	22,30	21,—	20,20
	Triammonium phosphate see tri-Ammonium phosphate						
74 35 780	Triamylamine PROSYNTH® (mixture of isomers) <i>Triamylamine / Triamilamina</i> $(C_5H_{11})_3N$ $C_{15}H_{33}N$ $M = 227,43$ g/mol assay (ex N) 99%	FL. 2922	250 ml	37,75	32,10	30,20	28,30
14	Triazide solution (Ehrlich's reagent II) for microscopy <i>Triazide en solution / Triacida en solución</i> 1 L ≈ 1,01 kg	FL. 3819	250 ml	10,50	8,95	8,40	7,90


65140	1,3,5-Triazine PROSYNTH® 1-3-5-Triazine / 1,3,5-Triazina N=CHN=CHN=C C3H3N3 M=81,08 g/mol assay (GC) 98% melting range 78–80 °C	WG.	† 5 g	31,—	26,35				
		WG.	25 g	120,—	102,—	96,—	90,—		
		WG.	† 100 g	405,—	344,25				
		2935							
63115	1,2,4-Triazole PROSYNTH® 1-2-4-Triazole / 1,2,4-Triazol N=NCH=NCH2 C2H3N3 M=69,07 g/mol assay (GC) 98% melting range 119–121 °C	WG.	10 g	25,25	21,45	20,20	18,9		
		2935							
1,2,4-Triazolone-(3)-imide see 3-Amino-1,2,4-triazole									
63116	Tribenzylamine PROSYNTH® Tribenzylamine / Tribencilamina (C6H5CH2)3N C21H21N M=287,40 g/mol assay (ex N) 98% melting range 91–93 °C	PF.	250 g	40,50	34,45	32,40	30,4		
		2922							
Tribromoacetaldehyde see Bromal									
02881	2,4,6-Tribromoacetanilide 2-4-6-Tribromoacétanilide / 2,4,6-Tribromoacetanilida Br3C6H2NHCOCH3 C8H6Br3NO M=371,85 g/mol assay of bromine 63–65% melting range 236–236,7 °C	PF.	1 kg	price on request					
		2925							
65111 A 8/21 C 8./ 2	Tribromoacetic acid PROSYNTH® Acide tribromoacétique / Acido tribromoacético Br3CCOOH C2HBr3O2 M=296,74 g/mol assay (ex Br) 99% melting range 129–132 °C keep in refrigerator à stocker dans le réfrigidaire almacenaje en la nevera	WG.	25 g	25,75	21,90	20,60	19,3		
		2914							

386 1/23 1 2811 2	2,2,2-Tribromoethanol PROSYNTH® <i>2-2-2-Tribromoéthanol / 2,2,2-Tribromoetanol</i> $\text{Br}_3\text{CCH}_2\text{OH}$ $\text{C}_2\text{H}_3\text{Br}_3\text{O}$ $M = 282,76 \text{ g/mol}$ assay (ex Br) 98% melting range 77–80 °C keep in refrigerator à stocker dans le réfrigidaire almacenaje en la nevera	WG. 2904	25 g	50,50	42,95	40,40	37,90
3775 6.1/13C 6.1 2811 3	2,4,6-Tribromophenol PROSYNTH® <i>2-4-6-Tribromophénol / 2,4,6-Tribromofenol</i> $\text{Br}_3\text{C}_6\text{H}_2\text{OH}$ $\text{C}_6\text{H}_3\text{Br}_3\text{O}$ $M = 330,80 \text{ g/mol}$ assay (alkalimetric) 98% melting range 89–92 °C  R: 23/24/25 S: 44 disposal: 7	WG. FTP. 2907	500 g 50 kg	36,— price on request	30,60	28,80	27,70
5162 3/3 3.3 1992 2 53 °C	2,3,5-Tribromothiophene PROSYNTH® <i>Tribromo-2-3-5-thiophène / 2,3,5-Tribromotiofeno</i> $\text{SCBr} = \text{CBrCH} = \text{CBr}$ $\text{C}_4\text{HBr}_3\text{S}$ $M = 320,83 \text{ g/mol}$ assay (GC) 99% melting range 26–28 °C	FL. 2935	50 ml	110,—	93,50	88,—	82,50
6344 3/4 8 2542 3 79 °C	Tributylamine pure <i>Tributylamine / Tributilamina</i> $(\text{C}_4\text{H}_9)_3\text{N}$ $\text{C}_{12}\text{H}_{27}\text{N}$ $M = 185,35 \text{ g/mol}$ 1 L ≈ 0,79 kg assay (GC) 98% boiling range 215–218 °C density (D_4^{20}) 0,779–0,782	FL. EKL. 2922	2,5 L 20 kg	70,— price on request	58,10	54,60	52,50
33766	Tributyl phosphate for extraction analysis <i>Tributyle phosphate / Tributilo fosfato</i> $(\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{O})_3\text{PO}$ $\text{C}_{12}\text{H}_{27}\text{O}_4\text{P}$ $M = 266,32 \text{ g/mol}$ 1 L ≈ 0,98 kg assay (GC) min. 99% water (according to Karl Fischer) max. 0,1% acid number 1 iron (Fe) max. 0,0001% heavy metals (as Pb) max. 0,0001%  R: 22 S: 25 disposal: 7	FL. 2919	500 ml	26,50	22,55	21,20	20,40
60289	Tributyl phosphate PROSYNTH® <i>Tributyle phosphate / Tributilo fosfato</i> $(\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{O})_3\text{PO}$ $\text{C}_{12}\text{H}_{27}\text{O}_4\text{P}$ $M = 266,32 \text{ g/mol}$ 1 L ≈ 0,98 kg assay (GC) 99% boiling range (at 13 mbar) 155–157 °C refractive index (n_D^{20}) 1,424  R: 22 S: 25 disposal: 7	PF. FPF. 2919	500 ml 25 kg	22,— price on request	18,70	17,60	16,95
63119 A 3/3 C 3.3 1992 2 +40 °C	Tributyl phosphine PROSYNTH® <i>Tributylphosphine / Tributilfosfina</i> $(\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2)_3\text{P}$ $\text{C}_{12}\text{H}_{27}\text{P}$ $M = 202,32 \text{ g/mol}$ 1 L ≈ 0,82 kg assay (GC) 98% boiling range (at 67 mbar) 148–150 °C refractive index (n_D^{20}) 1,462  R: 10-20/21/22 disposal: 7	FL. 2934	50 ml	13,25	11,25	10,60	9,95

65112	Tributyl phosphite PROSYNTH® <i>Tributylphosphite / Tributilfosfite</i> (CH ₃ CH ₂ CH ₂ CH ₂ O) ₃ P C ₁₂ H ₂₇ O ₃ P M = 250,32 g/mol 1 L ≈ 0,91 kg	FL. 2921	100 ml	16,—	13,60	12,80	12,—
A 3/4 + 82 °C							
64891	Tributyltin acetate PROSYNTH® <i>Tributylétain acétate / Tributilestaño acetato</i> (CH ₃ CH ₂ CH ₂ CH ₂) ₃ SnOCOCH ₃ C ₁₄ H ₃₀ O ₂ Sn M = 349,08 g/mol assay (ex Sn) 95 % melting range 79—82 °C	WG. 2934	50 g	35,—	29,75	28,—	26,2!
A 8.1/81F2 C 6.1 1615 3							
	 R: 23/24/25 S: 2-13-44 disposal: 10						
63120	Tributyltin chloride PROSYNTH® <i>Tributylétain chlorure / Tributilestaño cloruro</i> (CH ₃ CH ₂ CH ₂ CH ₂) ₃ SnCl C ₁₂ H ₂₇ ClSn M = 325,49 g/mol 1 L ≈ 1,20 kg assay (ex Cl) 96 % boiling range (at 33 mbar) 171—173 °C refractive index (n _D ²⁰) 1,491	FL. 2934	100 ml	28,50	24,25	22,80	21,4!
A 6.1/81F2 C 6.1 2810 2							
	 R: 23/24/25 S: 2-13-44 disposal: 10						
39372	Tributylin BIOSYNTH® <i>Glycérine tributirato / Glicerina tributirato</i> (CH ₃ CH ₂ CH ₂ COOCH ₂) ₂ CHOCOCH ₂ CH ₂ CH ₃ C ₁₅ H ₂₆ O ₈ M = 302,37 g/mol 1 L ≈ 1,03 kg	FL. 2914	100 ml	16,50	14,05	13,20	12,4
	Tricalcium-bis(phosphate) see tri-Calcium phosphate						
	Trichlorhydrin see 1,2,3-Trichloropropane						
	Trichloroacetaldehyde see Chloral						
	Trichloroacetaldehyde hydrate see Chloral hydrate						
65165	Trichloroacetamide PROSYNTH® <i>Trichloroacétamide / Tricloroacetamida</i> Cl ₃ CCONH ₂ C ₂ H ₂ Cl ₃ NO M = 162,40 g/mol assay (GC) 99 % melting range 139—141 °C	WG. 2925	250 g	64,50	54,85	51,60	48,4
33731	Trichloroacetic acid R. G., Reag. ACS <i>Acide trichloroacétique / Acido tricloroacético</i> Cl ₃ CCOOH C ₂ HCl ₃ O ₂ M = 163,39 g/mol assay min. 99,5 % insoluble in water max. 0,005 % sulphated ash max. 0,01 % iron (Fe) max. 0,001 % copper (Cu) max. 0,0005 % heavy metals (as Pb) max. 0,002 % chloride (Cl) max. 0,001 % nitrate (NO ₃) max. 0,002 % phosphate (PO ₄) max. 0,0005 % sulphate (SO ₄) max. 0,01 % matters reducing KMnO ₄ (as O) max. 0,0005 % reaction to sulphuric acid passes test	WG. WG. WG. 2914	100 g 500 g 1 kg	10,50 31,75 58,—	8,95 27,— 49,30	8,40 25,40 46,40	7,9 24,4 44,6
A 8/21A1 C 8 1839 2							
	 R: 35 S: 24/25-26 disposal: 21						


42 Trichloroacetic acid pure cryst. Ph. Eur. I, B. P. 1973,
21A1 Ph. Franç. IX, U. S.P. XIX
1839 2 Acide trichloracétique / Acido tricloraacético
Cl₃CCOOH
C₂HCl₃O₂ M = 163,39 g/mol
assay 99,5 %
loss on drying (18 h over silicagel) 0,5 %
sulphated ash 0,02 %
chloride (Cl) 0,005 %
sulphate (SO₄) 0,05 %
 R: 35 S: 24/25-26
disposal: 21


5117 Trichloroacetic anhydride PROSYNTH®
3/21A Anhydride trichloroacétique / Anhidrido tricloraacético
3 1839 2 (Cl₃CCO)₂O
C₄Cl₆O₃ M = 308,76 g/mol 1 L ≈ 1,69 kg
assay (alkalimetric) 98 %
boiling range (at 15 mbar) 97–100 °C
refractive index (n_D²⁰) 1,484
 R: 35 S: 24/25-26
disposal: 21

4894 Trichloroacetoneitrile PROSYNTH®
6.1/11 Trichloroacétonitrile / Tricloraacetoneitrilo
6.1 2810 2 Cl₃CCN
C₂Cl₃N M = 144,39 g/mol 1 L ≈ 1,43 kg
assay (GC) 98 %
boiling range 82–84 °C
refractive index (n_D²⁰) 1,440
 R: 23/24/25 S: 44
disposal: 15

5872 α,2,4-Trichloroacetophenone min. 99% PESTANAL®
6.1/23B ClCH₂COC(=CCICH=CCICH=CH)
6.1 1697 2 C₈H₅Cl₃O M = 223,49 g/mol

0400 Trichloroacetyl chloride PROSYNTH®
8/22 Trichloroacétyle chlorure / Tricloraacetilo cloruro
8 2564 2 Cl₃CCOCl
C₂Cl₄O M = 181,83 g/mol 1 L ≈ 1,62 kg
assay (ex Cl) 97 %
boiling range 113–115 °C
refractive index (n_D²⁰) 1,470

4895 Trichloroacetyl iso-cyanate PROSYNTH®
6.1/21 C Trichloroacétyle iso-cyanate / Tricloraacetilo iso-cianato
6.1/66 Cl₃CCONCO
6.1 2206 2 C₃Cl₃NO₂ M = 188,40 g/mol 1 L ≈ 1,60 kg
assay (GC) 98 %
refractive index (n_D²⁰) 1,480
 R: 23/24/25 S: 44
disposal: 7

55113 2,3,4-Trichloroaniline PROSYNTH®
6.1/21E Trichloro-2-3-4-aniline / 2,3,4-Tricloraanilina
6.1 2811 2 Cl₃C₆H₂NH₂
C₆H₄Cl₃N M = 196,46 g/mol
assay (GC) 98 %
melting range 65–67 °C
 R: 23/24/25-33 S: 28-36/37-44
disposal: 7

WG.	500 g	26,75	22,75	21,40	20,60
WG.	1 kg	49,50	42,10	39,60	38,10
WG.	2,5 kg	105,50	87,55	82,30	79,15
F.	50 kg	kg	19,50		

FL.	25 ml	23,50	20,—	18,80	17,65
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FL.	50 ml	41,50	35,30	33,20	31,15
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FL.	1 g	28,25	24,—	22,60	21,20
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FL.	100 ml	20,—	17,—	16,—	15,—
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FL.	10 ml	81,—	68,85	64,80	60,75
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WG.	10 g	18,75	15,95	15,—	14,05
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Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
35828	2,4,5-Trichloroaniline min. 99% PESTANAL®	FL. 2922	5 g	21,50	18,30	17,20	16,1
A 6.1/21E	<i>Trichloro-2-4-5-aniline / 2,4,5-Tricloroanilina</i>						
C 6.1 2811 2	Cl ₃ C ₆ H ₂ NH ₂ C ₆ H ₄ Cl ₃ N M = 196,46 g/mol						
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 7						
63121	2,4,5-Trichloroaniline PROSYNTH®	PF. 2922	100 g	11,—	9,35	8,80	8,2
A 6.1/21E	<i>Trichloro-2-4-5-aniline / 2,4,5-Tricloroanilina</i>						
C 6.1 2811 2	Cl ₃ C ₆ H ₂ NH ₂ C ₆ H ₄ Cl ₃ N M = 196,46 g/mol						
	assay (GC) 98% melting range 93—94 °C						
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 7						
64896	2,4,6-Trichloroaniline PROSYNTH®	WG. 2922	250 g	117,—	99,45	93,60	87,7
A 6.1/21E	<i>Trichloro-2-4-6-aniline / 2,4,6-Tricloroanilina</i>						
C 6.1 2811 2	Cl ₃ C ₆ H ₂ NH ₂ C ₆ H ₄ Cl ₃ N M = 196,46 g/mol						
	assay (GC) 98% melting range 75—77 °C						
	 R: 23/24/25-33 S: 28-36/37-44 disposal: 7						
60490	1,2,3-Trichlorobenzene PROSYNTH®	WG. 2902	250 g	9,50	8,10	7,60	7,1
C 6.1 2321 3	<i>Trichloro-1-2-3-benzène / 1,2,3-Triclorobenceno</i>						
	C ₆ H ₃ Cl ₃ M = 181,45 g/mol						
	assay (GC) 99% melting range 52—54 °C						
	 R: 20/21/22 S: 28 disposal: 7						
65114	2,4,5-Trichlorobenzenesulphonyl chloride PROSYNTH®	WG. 2903	100 g	34,50	29,35	27,60	25,9
A 8/12	<i>Trichloro-2-4-5benzènesulfonyl chlorure / 2,4,5-</i>						
C 8 *2305 2	<i>Triclorobenzosulfonilo cloruro</i>						
	Cl ₃ C ₆ H ₂ SO ₂ Cl C ₆ H ₂ Cl ₄ O ₂ S M = 279,96 g/mol						
	assay (ex Cl) 99% melting range 66—68 °C						
	Trichloro-tert.-butyl alcohol see Acetone chloroform						
65115	Trichloro iso-cyanuric acid PROSYNTH®	WG. 2935	100 g	16,50	14,05	13,20	12,4
A 6.1/21	<i>Acide trichloro iso-cyanurique / Acido trichloro iso-</i>						
C 5.1 2468 2	<i>cianúrico</i>						
	NCICONCICONCIÇO C ₃ Cl ₃ N ₃ O ₃ M = 232,41 g/mol						
	assay (iodometric) 98% melting range 249—251 °C						
	  R: 8-22-31-36/37 S: 8-26-41 disposal: 10						
65116	2,4,5-Trichloro-1,3-dinitrobenzene PROSYNTH®	WG. 2903	10 g	18,75	15,95	15,—	14,0
A 6.1/21K	<i>Trichloro-2-4-5-dinitrobenzène-1-3 / 2,4,5-Tricloro-1,3-</i>						
C 6.1 1578 2	<i>dinitrobenceno</i>						
	Cl ₃ C ₆ H(NO ₂) ₂ C ₆ HCl ₃ N ₂ O ₄ M = 271,44 g/mol						
	assay 97% melting range 101—103 °C						
	 R: 23/24/25-33 S: 28-37-44 disposal: 20						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
30866	1,1,1-Trichloroethane min. 99,9% for gas chromatography <i>Trichloro-1-1-1-éthane / 1,1,1-Tricloroetano</i> CH_3CCl_3 $\text{C}_2\text{H}_3\text{Cl}_3$ $M = 133,40$ g/mol $1 \text{ L} \approx 1,31$ kg  R: 20/22 S: 2-25 disposal: 13	FL. 2902	5 ml	49,25	41,85	39,40	36,95
30867	1,1,2-Trichloroethane min. 99,9% for gas chromatography <i>Trichloro-1-1-2-éthane / 1,1,2-Tricloroetano</i> $\text{ClCH}_2\text{CHCl}_2$ $\text{C}_2\text{H}_3\text{Cl}_3$ $M = 133,40$ g/mol $1 \text{ L} \approx 1,44$ kg  R: 20/21/22 S: 9 disposal: 13	FL. 2902	5 ml	49,25	41,85	39,40	36,95
17949	1,1,1-Trichloroethane PURANAL® <i>Trichloro-1-1-1-éthane / 1,1,1-Tricloroetano</i> CH_3CCl_3 $\text{C}_2\text{H}_3\text{Cl}_3$ $M = 133,40$ g/mol $1 \text{ L} \approx 1,31$ kg assay (GC) min. 94% boiling range $74-76^\circ\text{C}$ density (D_4^{20}) $1,325-1,330$ refractive index (n_D^{20}) $1,4360-1,4380$ non-volatile matter max. 5 ppm water (according to Karl Fischer) max. 200 ppm free acid (as HCl) max. 10 ppm free alkali (as NH_3) max. 1 ppm aluminium (Al) max. 0,05 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm boron (B) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm free chlorine (Cl) max. 0,3 ppm chloride (Cl) max. 5 ppm  R: 20/22 S: 2-25 disposal: 13	FL. 2902	2,5 L	price on request			
30314	2,2,2-Trichloroethanol PROSYNTH® <i>Trichloro-2-2-2-éthanol / 2,2,2-Tricloroetanol</i> $\text{Cl}_3\text{CCH}_2\text{OH}$ $\text{C}_2\text{H}_3\text{Cl}_3\text{O}$ $M = 149,40$ g/mol $1 \text{ L} \approx 1,55$ kg assay (GC) 97% boiling range (at 15 mbar) $50-52^\circ\text{C}$ refractive index (n_D^{20}) $1,486$  R: 20/21/22 S: 28 disposal: 7	FL. 2904	100 ml	42,75	36,35	34,20	32,05

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
64872	2,2,2-Trichloroethyl chloroformate PROSYNTH®	FL.	10 ml	18,—	15,30	14,40	13,50
A 6.1/61F	Trichloroéthyle-2-2-2-chloroformiate / 2,2,2-Trichloroetilo	2914					
C 6.1 2810 2	cloroformiato						
	CICOOCH ₂ CCl ₃						
	C ₃ H ₂ Cl ₄ O ₂ M = 211,86 g/mol						1 L ≈ 1,56 kg
	assay (GC)						97%
	boiling range						170—172 °C
	refractive index (n _D ²⁰)						1,471
	keep in refrigerator						
	à stocker dans le refrigidaire						
	almacenaje en la nevera						
							R: 36/37/38 S: 26 disposal: 7
30868	Trichloroethylene min. 99,9% for gas chromatography	FL.	5 ml	49,25	41,85	39,40	36,90
C 6.1 1710 3	Trichloroéthylène / Trichloroetileno	2902					
	CIHC = CCl ₂						
	C ₂ HCl ₃ M = 131,39 g/mol						1 L ≈ 1,46 kg
							R: 20/22 S: 2-25 disposal: 13
17933	Trichloroethylene MOS PURANAL® particle class 0	FL.	2,5 L	price on request			
C 6.1 1710 3	Trichloroéthylène / Trichloroetileno	2902					
	CIHC = Cl ₂						
	C ₂ HCl ₃ M = 131,39 g/mol						1 L ≈ 1,46 kg
	assay (GC)						min. 99,8%
	boiling range						86—88 °C
	density (D ₄ ²⁰)						1,460—1,480
	refractive index (n _D ²⁰)						1,4770—1,4780
	non-volatile matter						max. 5 ppm
	water (according to Karl Fischer)						max. 50 ppm
	free acid (as HCl)						max. 5 ppm
	free alkali (as NH ₃)						max. 4 ppm
	aluminium (Al)						max. 0,05 ppm
	antimony (Sb)						max. 0,01 ppm
	arsenic (As)						max. 0,01 ppm
	barium (Ba)						max. 0,1 ppm
	beryllium (Be)						max. 0,01 ppm
	lead (Pb)						max. 0,02 ppm
	boron (B)						max. 0,02 ppm
	cadmium (Cd)						max. 0,01 ppm
	calcium (Ca)						max. 0,2 ppm
	chromium (Cr)						max. 0,01 ppm
	iron (Fe)						max. 0,1 ppm
	gallium (Ga)						max. 0,02 ppm
	gold (Au)						max. 0,02 ppm
	indium (In)						max. 0,02 ppm
	potassium (K)						max. 0,1 ppm
	cobalt (Co)						max. 0,01 ppm
	copper (Cu)						max. 0,01 ppm
	lithium (Li)						max. 0,02 ppm
	magnesium (Mg)						max. 0,1 ppm
	manganese (Mn)						max. 0,01 ppm
	molybdenum (Mo)						max. 0,01 ppm
	sodium (Na)						max. 0,2 ppm
	nickel (Ni)						max. 0,01 ppm
	platinum (Pt)						max. 0,02 ppm
	silver (Ag)						max. 0,02 ppm
	strontium (Sr)						max. 0,02 ppm
	thallium (Tl)						max. 0,02 ppm
	titanium (Ti)						max. 0,01 ppm
	vanadium (V)						max. 0,01 ppm
	bismuth (Bi)						max. 0,02 ppm
	zinc (Zn)						max. 0,05 ppm
	tin (Sn)						max. 0,02 ppm
	zirconium (Zr)						max. 0,01 ppm
	free chlorine (Cl)						max. 0,3 ppm
	chloride (Cl)						max. 1 ppm
							R: 20/22 S: 2-25 disposal: 13

17940	Trichloroethylene PURANAL®	FL.	2,5 L	price on request		
C 6.1 1710 3	Trichloroéthylène / Tricloroetileno	2902				
	ClHCCCl ₂ C ₂ HCl ₃ M = 131,39 g/mol 1 L ≈ 1,46 kg assay (GC) min. 99,8% boiling range 86–88 °C density (D ₄ ²⁰) 1,460–1,480 refractive index (n _D ²⁰) 1,4770–1,4780 non-volatile matter max. 5 ppm water (according to Karl Fischer) max. 50 ppm free acid (as HCl) max. 5 ppm free alkali (as NH ₃) max. 4 ppm aluminium (Al) max. 0,05 ppm antimony (Sb) max. 0,01 ppm arsenic (As) max. 0,01 ppm barium (Ba) max. 0,1 ppm beryllium (Be) max. 0,01 ppm lead (Pb) max. 0,02 ppm cadmium (Cd) max. 0,01 ppm calcium (Ca) max. 0,2 ppm chromium (Cr) max. 0,01 ppm iron (Fe) max. 0,1 ppm gallium (Ga) max. 0,02 ppm gold (Au) max. 0,02 ppm indium (In) max. 0,02 ppm potassium (K) max. 0,1 ppm cobalt (Co) max. 0,01 ppm copper (Cu) max. 0,01 ppm lithium (Li) max. 0,02 ppm magnesium (Mg) max. 0,1 ppm manganese (Mn) max. 0,01 ppm molybdenum (Mo) max. 0,01 ppm sodium (Na) max. 0,2 ppm nickel (Ni) max. 0,01 ppm platinum (Pt) max. 0,02 ppm silver (Ag) max. 0,02 ppm strontium (Sr) max. 0,02 ppm thallium (Tl) max. 0,02 ppm titanium (Ti) max. 0,01 ppm vanadium (V) max. 0,01 ppm bismuth (Bi) max. 0,02 ppm zinc (Zn) max. 0,05 ppm tin (Sn) max. 0,02 ppm zirconium (Zr) max. 0,01 ppm free chlorine (Cl) max. 0,3 ppm chloride (Cl) max. 1 ppm <div>  <div> R: 20/22 S: 2-25 disposal: 13 </div> </div>					
24254	Trichloroethylene technical	FL.	1 L	19,—	16,15	15,20 - 14,65
C 6.1 1710 3	Trichloroéthylène / Tricloroetileno	FL.	2,5 L	38,75	32,15	30,25 29,05
	ClHC = CCl ₂ C ₂ HCl ₃ M = 131,39 g/mol 1 L ≈ 1,46 kg assay (GC) 99% boiling range 86–88 °C density (D ₄ ²⁰) 1,460–1,480 refractive index (n _D ²⁰) 1,4770–1,4780 <div>  <div> R: 20/22 S: 2-25 disposal: 13 </div> </div>	EKL.	45 kg	kg	3,70	
		EKL.	5x	kg	3,50	
		EKL.	10x	kg	3,25	
		F.	250 kg	price on request		
		2902				
61382	2,4,5-Trichlorofluorobenzene PROSYNTH®	WG.	10 g	104,50	88,85	83,60 78,40
	Trichloro-2-4-5-fluorobenzène / 2,4,5-Triclorofluorobenceno	2902				
	C ₆ H ₂ Cl ₃ F M = 199,44 g/mol assay (GC) 95% melting range 62–64 °C 2,4,5-Trichloro-1-hydroxybenzene see 2,4,5-Trichlorophenol 2,4,6-Trichloro-1-hydroxybenzene see 2,4,6-Trichlorophenol Trichloromethane see Chloroform					

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 96x
package DM (1 Box) (4 Boxes) (16 Boxes)

63124 Trichloromethanesulphenyl chloride PROSYNTH®
A 6.1/12E *Trichlorométhanesulfényle chlorure /*
C 6.1 1670 1 *Triclorometanosulfenilo cloruro*

CCl3SCl

CCl4S $M = 185,89 \text{ g/mol}$ 1 L \approx 1,70 kg

assay (ex Cl) 96%

boiling range 148–151 °C

refractive index (n_D^{20}) 1,544



R: 26/27/28 S: 1-13-28-45
disposal: 21

FL.
2931

500 ml 50,50 42,95 40,40 38,9

64901 Trichloromethanesulphonyl chloride PROSYNTH®
A 8/22 *Trichlorométhanesulfonyle chlorure /*
C 8 1759 2 *Triclorometanosulfonilo cloruro*

CCl3SO2Cl

CCl4O2S $M = 217,89 \text{ g/mol}$

assay (ex Cl) 97%

melting range 136–138 °C



R: 26/27/28 S: 1-13-28-45
disposal: 21

WG.
2903

25 g 73,50 62,50 58,80 55,

Trichloromethylbenzene see Benzotrichloride

1,1,1-Trichloro-2-methylpropanol(2) see Acetone chloroform

63777 2,3,4-Trichloronitrobenzene PROSYNTH®
A 6.1/21K *2-3-4-Trichloronitrobenzène / 2,3,4-Tricloronitrobenceno*
C 6.1 2811 2 C6H2Cl3NO2 $M = 226,45 \text{ g/mol}$

assay (GC) 98%

melting range 54–56 °C



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

25 g 15,50 13,20 12,40 11,

63778 2,4,5-Trichloronitrobenzene PROSYNTH®
A 6.1/21K *2-4-5-Trichloronitrobenzène / 2,4,5-Tricloronitrobenceno*
C 6.1 2811 2 C6H2Cl3NO2 $M = 226,45 \text{ g/mol}$

assay (GC) 98%



R: 23/24/25-33 S: 28-37-44
disposal: 20

WG.
2903

250 g 19,25 16,35 15,40 14,

65118 Trichloronitromethane PROSYNTH®
A 6.1/61I *Trichloronitrométhane / Tricloronitrometáno*
C 6.1 1580 1 CCl3NO2 $M = 164,38 \text{ g/mol}$

assay (ex Cl) 98%

boiling range 110–112 °C

refractive index (n_D^{20}) 1,462



R: 26/27/28-36/37/38 S: 26-36-45
disposal: 20

FL.
2903

250 ml 28,25 24,— 22,60 21

64945 Trichlorooctadecylsilane PROSYNTH®
A 8/23B *Trichlorooctadécylsilane / Triclorooctadecilsilano*
C 8 1760 2 C18H37SiCl3 $M = 387,93 \text{ g/mol}$

assay (ex Cl) 98%

boiling range (at 0,27 mbar) 163–165 °C








refractive index (n_D^{20}) 1,460











R: 36/37/38 S: 26
disposal: 7

FL.
2934




250 ml 131,— 111,35 104,80 98


Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
64902	2,3,6-Trichlorophenol PROSYNTH®	WG. 2907	25 g	60,—	51,—	48,—	45,—
A 6.1/23	<i>Trichloro-2-3-6-phénol / 2,3,6-Triclorofenol</i>						
C 6.1 2811 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol assay (GC) 99% melting range 53—55 °C						
	 R: 22-36/38 S: 26-28 disposal: 7						
65119	2,3,4-Trichlorophenol PROSYNTH®	WG. 2907	10 g	34,—	28,90	27,20	25,50
A 6.1/13C	<i>Trichloro-2-3-4-phénol / 2,3,4-Triclorofenol</i>						
C 6.1 2020 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol assay (GC) 98% melting range 76—79 °C						
	 R: 22-36/38 S: 26-28 disposal: 7						
65120	2,3,5-Trichlorophenol PROSYNTH®	WG. 2907	10 g	31,25	26,55	25,—	23,45
A 6.1/13C	<i>Trichloro-2-3-5-phénol / 2,3,5-Triclorofenol</i>						
C 6.1 2020 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol assay (GC) 97% melting range 58—60 °C						
	 R: 22-36/38 S: 26-28 disposal: 7						
35832	2,4,5-Trichlorophenol min. 99% PESTANAL®	FL. 2907	5 g	19,25	16,35	15,40	14,45
A 6.1/13C	<i>Trichloro-2-4-5-phénol / 2,4,5-Triclorofenol</i>						
C 6.1 2811 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol						
	 R: 22-36/38 S: 26-28 disposal: 7						
63126	2,4,5-Trichlorophenol PROSYNTH®	WG. 2907	500 g	32,50	27,65	26,—	25,05
A 6.1/13C	<i>Trichloro-2-4-5-phénol / 2,4,5-Triclorofenol</i>						
C 6.1 2020 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol assay 98% melting range 63—65 °C						
	 R: 22-36/38 S: 26-28 disposal: 7						
63127	2,4,6-Trichlorophenol PROSYNTH®	WG. 2907	500 g	71,—	60,35	56,80	54,65
A 6.1/13C	<i>Trichloro-2-4-6-phénol / 2,4,6-Triclorofenol</i>						
C 6.1 2020 3	Cl ₃ C ₆ H ₂ OH C ₆ H ₃ Cl ₃ O M = 197,45 g/mol assay (GC) 98% melting range 64—66 °C						
	 R: 22-36/38 S: 26-28 disposal: 7						
63779	2,4,5-Trichlorophenoxyacetic acid PROSYNTH®	WG. 2916	250 g	43,75	37,20	35,—	32,80
A 6.1/83NB	<i>Acide 2-4-5-trichlorophénoxyacétique / Acido 2,4,5-</i>						
C 6.1 2588 3	<i>triclorofenoxiacético</i> Cl ₃ C ₆ H ₂ OCH ₂ COOH C ₆ H ₅ Cl ₃ O ₃ M = 255,48 g/mol assay (alkalimetric) 98% melting range 153—155 °C						
	 R: 20/21/22-40 S: 2-13 disposal: 21						







Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
60315	2,4,5-Trichlorophenyl- <i>tert.</i> -butyl carbonate PROSYNTH® <i>Trichloro-2-4-5-phényl-tert.-butyle carbonate /</i> <i>2,4,5-Triclorofenil-terc.-butilo carbonato</i> <chem>Cl3C6H2OCO2C(CH3)3</chem> <chem>C11H11Cl3O3</chem> $M = 297,57$ g/mol assay (HPLC) 98% melting range 67–69 °C	WG. WG. 2921	5 g 25 g	29,50 112,50	25,10 95,65	23,60 90,—	22,15 84,40
35761	Trichlorophon min. 99% PESTANAL® [0,0-Dimethyl-(2,2,2-trichloro-1-hydroxyethyl)-phosphonate] <chem>(CH3O)2P(O)CH(OH)CCl3</chem> <chem>C4H8Cl3O4P</chem> $M = 257,44$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 20/21/22 S: 2-13 disposal: 7	FL. 2919	1 g	28,25	24,—	22,60	21,20
30869	1,2,3-Trichloropropane min. 99,9% for gas chromatography <i>Trichloro-1-2-3-propane / 1,2,3-Tricloropropano</i> <chem>CH2ClCHClCH2Cl</chem> <chem>C3H5Cl3</chem> $M = 147,43$ g/mol 1 L ≈ 1,38 kg +74 °C	FL. 2902	5 ml	49,25	41,85	39,40	36,95
64903	1,2,3-Trichloropropane PROSYNTH® <i>Trichloro-1-2-3-propane / 1,2,3-Tricloropropano</i> <chem>CH2ClCHClCH2Cl</chem> <chem>C3H5Cl3</chem> $M = 147,43$ g/mol 1 L ≈ 1,38 kg assay (GC) 97% boiling range 154–156 °C refractive index (n_D^{20}) 1,483	FL. 2902	1 L	44,25	37,60	35,40	34,00
63781	2,4,5-Trichlorotoluene PROSYNTH® <i>Trichloro-2-4-5-toluène / 2,4,5-Triclorotolueno</i> <chem>CH3C6H2Cl3</chem> <chem>C7H5Cl3</chem> $M = 195,48$ g/mol assay (GC) 98% melting range 78–80 °C a,2,6-Trichlorotoluene see 2,6-Dichlorobenzyl chloride 2,4,6-Trichloro-1,3,5-triazine see Cyanuric chloride	WG. 2902	5 g	37,25	31,65	29,80	27,90
61456	1,1,1-Trichloro-3,3,3-trifluoroacetone PROSYNTH® <i>Trichloro-1-1-1-trifluoroacétone-3-3-3 / 1,1,1-Tricloro-3,3,3-trifluoroacetona</i> <chem>Cl3CCOCF3</chem> <chem>C3Cl3F3O</chem> $M = 215,39$ g/mol	WG. 2913	5 g	60,50	51,45	48,40	45,40
34932	1,1,2-Trichlorotrifluoroethane SPECTRANAL® <i>Trichloro-1-1-2-trifluoroéthane / 1,1,2-Triclorotrifluoroetano</i> <chem>FCCL2CClF2</chem> <chem>C2Cl3F3</chem> $M = 187,38$ g/mol 1 L ≈ 1,57 kg assay (GC) min. 99,7% non-volatile matter max. 0,0005% water (according to Karl Fischer) max. 0,005% suitability for UV-spectroscopy transmittance (1 cm cell; reference: water) transmittance/wave-length (nm): 10%/230, 67%/240, 92%/250, 98%/from 260 suitability for IR spectroscopy passes test  R: 20/21/22 S: 28 disposal: 13	FL. 2902	2,5 L	163,—	135,30	127,15	122,20





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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
64863	Trichlorovinylsilane PROSYNTH® A 8/23A Trichlorovinylsilane / Triclorovinilsilano C 3.2 1305 1 CH ₂ =CHSiCl ₃ +11 °C C ₂ H ₃ Cl ₃ Si M = 161,49 g/mol 1 L ≈ 1,27 kg assay (GC) 98% boiling range 88–90 °C refractive index (n _D ²⁰) 1,436   R: 11-36/37/38 S: 16-26-29 disposal: 7	FL. 2934	250 ml	43,25	36,75	34,60	32,45
16308	Tricresol pure A 6.1/22A Tricrésol / Tricresol C 6.1 2076 2 1 L ≈ 1,03 kg  R: 24/25-34 S: 2-28-44 disposal: 6	FL. STP. 2906	1 L 60 kg	30,— price on request	25,50	24,—	23,10
64136	Tricresyl phosphate PROSYNTH® mixture of isomers A 6.1/22A Tricrésyle phosphate / Tricresilo fosfato B 6.1/24 (CH ₃ C ₆ H ₄ O) ₃ PO C 6.1 2574 2 C ₂₁ H ₂₁ O ₄ P M = 368,37 g/mol 1 L ≈ 1,17 kg assay (GC) 95% boiling range (at 27 mbar) 289–292 °C refractive index (n _D ²⁰) 1,557  R: 21/22 S: 28 disposal: 9	FL. 2919	500 ml	24,—	20,40	19,20	18,50
04801	Tricresyl phosphate for technical purposes only A 6.1/22A Tricrésyle phosphate / Tricresilo fosfato B 6.1/24 (CH ₃ C ₆ H ₄ O) ₃ PO C 6.1 2574 2 C ₂₁ H ₂₁ O ₄ P M = 368,37 g/mol 1 L ≈ 1,17 kg density (D ₄ ²⁰) 1,172–1,178 refractive index (n _D ²⁰) 1,5570–1,5580  R: 21/22 S: 28 disposal: 9	FL. EKL. F. 2919	1 L 35 kg 230 kg	25,25 price on request price on request	21,45	20,20	19,45
39640	Tri- <i>p</i> -cresyl phosphate for gas chromatography A 6.1/83 Tri- <i>p</i> -crésyle phosphate / Tri- <i>p</i> -cresilo fosfato C 9 1615 3 (CH ₃ C ₆ H ₄ O) ₃ PO C ₂₁ H ₂₁ O ₄ P M = 368,37 g/mol working temperature 30 to 130 °C  R: 21/22 S: 28 disposal: 9	WG. 2919	50 g	37,—	31,45	29,60	27,75
Tricyclo-[3,3,1 ^{3,7} ,1 ⁷]-decane see Adamantane							
32258	<i>n</i> -Tridecane min. 99,9% for gas chromatography A 3/4 <i>n</i> -Tridécano / <i>n</i> -Tridecano +87 °C CH ₃ (CH ₂) ₁₁ CH ₃ C ₁₃ H ₂₈ M = 184,36 g/mol 1 L ≈ 0,76 kg	FL. 2901	5 ml	49,25	41,85	39,40	36,95
63782	Tridecanoic acid PROSYNTH® Acide tridécanoïque / Acido tridecanóico CH ₃ (CH ₂) ₁₁ COOH C ₁₃ H ₂₆ O ₂ M = 214,35 g/mol assay (GC) 98% melting range 41–43 °C	WG. 2914	5 g	16,25	13,80	13,—	12,20
60460	iso-Tridecanoic acid PROSYNTH® Acide iso-tridécanoïque / Acido iso-tridecanóico C ₁₃ H ₂₆ O ₂ M = 214,35 g/mol 1 L ≈ 0,90 kg boiling range 274–300 °C	FL. 2914	500 ml	37,50	31,90	30,—	28,90





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60455	iso-Tridecanol PROSYNTH® iso-Tridécanol / iso-Tridecanol C ₁₃ H ₂₈ O M = 200,36 g/mol 1 L ≈ 0,85 kg boiling range 250—265 °C	FL. 2904	500 ml	20,—	17,—	16,—	15,40
63128	Tridecanol-(1) PROSYNTH® Tridécanol-(1) / Tridecanol-(1) CH ₃ (CH ₂) ₁₂ OH C ₁₃ H ₂₈ O M = 200,36 g/mol assay (GC) 95% melting range 28—30 °C	WG. 2904	10 g	34,50	29,35	27,60	25,90
	Tridecanone-(7) see Dihexyl ketone						
63129	Tridecanone-(2) PROSYNTH® Tridécanone-(2) / Tridecanona-(2) CH ₃ (CH ₂) ₁₀ COCH ₃ C ₁₃ H ₂₆ O M = 198,35 g/mol assay (GC) 96% melting range 26—30 °C	WG. 2913	25 g	20,25	17,20	16,20	15,20
	Tridecyl alcohol see Tridecanol-(1)						
63784	Tri-(decyl)-amine PROSYNTH® Tri-(décyl)-amine / Tri-(decil)-amina [CH ₃ (CH ₂) ₉] ₃ N C ₃₀ H ₆₃ N M = 437,83 g/mol 1 L ≈ 0,82 kg assay (ex N) 98% refractive index (n _D ²⁰) 1,453	FL. 2922	10 g	27,25	23,15	21,80	20,45
63785	Tridecylbenzene PROSYNTH® TridécyIbenzène / Tridecilbenceno C ₆ H ₅ (CH ₂) ₁₂ CH ₃ C ₁₉ H ₃₂ M = 260,46 g/mol 1 L ≈ 0,86 kg assay (GC) 99% boiling range (at 13 mbar) 188—190 °C refractive index (n _D ²⁰) 1,482	FL. 2901	25 ml	37,—	31,45	29,60	27,75
	Tridecyl bromide see 1-Bromotridecane						
	Tridecyl cyanide see Myristonitrile						
	Trideuteroacetonitrile see Acetonitrile-D ₃						
	Trideuteromethanol see Methanol-D ₃						
	Trideuteromethylammonium chloride see Methylammonium chloride-D ₃						
	Trideuteromethyl bromide see Methyl bromide-D ₃						
	Trideuteromethyl iodide see Methyl iodide-D ₃						
	Trideuteronitromethane see Nitromethane-D ₃						
33729 180 °C	Triethanolamine for metal titration Triéthanolamine / Trietanolamina N(CH ₂ CH ₂ OH) ₃ C ₆ H ₁₅ NO ₃ M = 149,18 g/mol 1 L ≈ 1,12 kg	PF. PF. 2923	250 ml 1 L	14,50 48,25	12,35 41,—	11,60 38,60	10,90 37,15
16303 180 °C	Triethanolamine pure Triéthanolamine / Trietanolamina N(CH ₂ CH ₂ OH) ₃ C ₆ H ₁₅ NO ₃ M = 149,19 g/mol 1 L ≈ 1,12 kg	PF. PF. EKL. 2923	1 L 2,5 L 30 kg	29,— 61,50 price on request	24,65 51,05	23,20 47,95	22,35 46,15
16339 180 °C	Triethanolamine technical Triéthanolamine / Trietanolamina N(CH ₂ CH ₂ OH) ₃ C ₆ H ₁₅ NO ₃ M = 149,19 g/mol 1 L ≈ 1,12 kg	PF. PF. EKL. F. 2923	1 L 2,5 L 30 kg 230 kg	25,50 54,— kg price on request	21,70 44,80 5,90	20,40 42,10	19,65 40,50




65171	1,1,2-Triethoxyethane PROSYNTH® <i>Triéthoxy-1-1-2-éthane / 1,1,2-Trietoxietano</i> CH ₃ CH ₂ OCH ₂ CH(OCH ₂ CH ₃) ₂ C ₈ H ₁₈ O ₃ M = 162,23 g/mol 1 L ≈ 0,89 kg assay (GC) 95% boiling range 165–168 °C refractive index (n _D ²⁵) 1,399 R: 10 disposal: 6	FL. 2908	100 ml	36,75	31,25	29,40	27,55
16304	Triethylamine pure <i>Triéthylamine / Trietilamina</i> (C ₂ H ₅) ₃ N C ₆ H ₁₅ N M = 101,19 g/mol 1 L ≈ 0,73 kg assay (GC) 99% boiling range 88–89 °C density (D ₄ ²⁰) 0,727–0,734   R: 11-36/37 S: 16-26-29 disposal: 19	FL. FL. EKL. F. 2922	1 L 2,5 L 20 kg 140 kg	21,— 44,75 kg price on request	17,85 37,15 9,50	16,80 34,90	16,15 33,55
61383	Triethyl 2,4-difluorocitrate PROSYNTH® <i>Triéthyle 2-4-difluorocitrate / Trietilo 2,4-difluorocitrato</i> HOC(COOC ₂ H ₅)(CHFCOOC ₂ H ₅) ₂ C ₁₂ H ₁₈ F ₂ O ₇ M = 312,27 g/mol assay (GC) 98% boiling range (at 0,4 mbar) 127–129 °C	FL. 2914	1 g	244,—	207,40	195,20	183,—
63113	Triethylene glycol PROSYNTH® <i>Triéthylèneglycol / Trietilenglicol</i> HO(CH ₂ CH ₂ O) ₂ CH ₂ CH ₂ OH C ₆ H ₁₄ O ₄ M = 150,17 g/mol 1 L ≈ 1,12 kg assay (GC) 98% boiling range (at 0,13 mbar) 125–127 °C refractive index (n _D ²⁰) 1,456	FL. 2908	1 L	21,—	17,85	16,80	16,15
63114	Triethylene glycol dimethyl ether PROSYNTH® <i>Ether diméthylique du triéthylèneglycol / Eter dimetilico del trietilenglicol</i> CH ₃ O(CH ₂ CH ₂ O) ₃ CH ₃ C ₈ H ₁₈ O ₄ M = 178,23 g/mol 1 L ≈ 0,98 kg assay (GC) 98% boiling range 215–225 °C refractive index (n _D ²⁰) 1,423	FL. 2908	250 ml	38,25	32,50	30,60	28,70
16352	Triethylenetetramine <i>Triéthylènetétramine / Trietilentetramina</i> NH ₂ CH ₂ CH ₂ (NHCH ₂ CH ₂) ₂ NH ₂ C ₆ H ₁₆ N ₄ M = 146,24 g/mol 1 L ≈ 0,98 kg boiling range 270–305 °C density (D ₄ ²⁰) 0,970–0,980 refractive index (n _D ²⁰) 1,4975–1,4990  R: 36/37/38 S: 28 disposal: 19	FL. STP. F. 2922	1 L 25 kg 200 kg	37,75 price on request price on request	32,10	30,20	29,05
62928	Triethyl orthoacetate PROSYNTH® <i>Triéthyle orthoacétate / Trietilo ortoacetato</i> CH ₃ C(OC ₂ H ₅) ₃ C ₈ H ₁₈ O ₃ M = 162,23 g/mol 1 L ≈ 0,89 kg assay (GC) 98% boiling range 144–146 °C refractive index (n _D ²⁰) 1,398 R: 10 disposal: 6	FL. 2914	100 ml	37,75	32,10	30,20	28,30

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			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
60388	Triethyl orthoformate PROSYNTH®	FL.	1 L	49,75	42,30	39,80	38,30
A 3/3	<i>Triéthyle orthoformiate / Trietilo ortoformiato</i>	2914					
C 3.3 1993 2	CH(OC ₂ H ₅) ₃						
+ 30 °C	C ₇ H ₁₆ O ₃ M = 148,20 g/mol						1 L ≈ 0,89 kg
	assay (GC)						99%
	boiling range						143—145 °C
	refractive index (n _D ²⁰)						1,391
							R: 10-20/21/22 disposal: 6
62929	Triethyl orthopropionate PROSYNTH®	FL.	100 ml	40,—	34,—	32,—	30,—
A 3/3	<i>Triéthyle orthopropionate / Trietilo ortopropionato</i>	2914					
C 3.3 1993 2	CH ₃ CH ₂ C(OC ₂ H ₅) ₃						
+ 39 °C	C ₉ H ₂₀ O ₃ M = 176,26 g/mol						1 L ≈ 0,89 kg
	assay (GC)						97%
	boiling range						157—160 °C
	refractive index (n _D ²⁰)						1,400
	R: 10 disposal: 6						
65109	Triethyloxonium tetrafluoroborate PROSYNTH®	WG.	25 g	27,—	22,95	21,60	20,25
A 8/15	<i>Triéthyloxonium tétrafluoroborate / Trietiloxónio</i>	2934					
C 8 1759 2	<i>tetrafluoroborato</i>						
	(C ₂ H ₅) ₃ OBF ₄						
	C ₆ H ₁₅ BF ₄ O M = 189,99 g/mol						
	assay						97%
	melting range						94—97 °C
	keep in refrigerator						
	à stocker dans le réfrigidaire						
	almacenaje en la nevera						
65151	Triethyl phosphite PROSYNTH®	FL.	1 L	42,75	36,35	34,20	32,90
A 3/3	<i>Triéthyle phosphite / Trietilo fosfito</i>	2919					
C 3.3 1993 2	(CH ₃ CH ₂ O) ₃ P						
+ 54 °C	C ₆ H ₁₅ O ₃ P M = 166,16 g/mol						1 L ≈ 0,97 kg
	assay (GC)						98%
	boiling range						156—158 °C
	R: 10 disposal: 10						
	Triethyl ortho-propionate see Triethyl orthopropionate						
61385	Trifluoroacetaldehyde ethyl hemiacetal PROSYNTH®	FL.	5 ml	price on request			
	<i>Trifluoroacétaldéhyde éthyl demi-acétal /</i>	2919					
	<i>Trifluoroacetaldehido etil semi-acetal</i>						
	CF ₃ CH(OH)OC ₂ H ₅						
	C ₄ H ₇ F ₃ O ₂ M = 144,09 g/mol						
61384	Trifluoroacetaldehyde hydrate PROSYNTH®, reagent for	FL.	5 ml	45,—	38,25	36,—	33,75
A 3/3	preparation of trifluoroacetaldehyde	2912					
C 3.3 1993 2	<i>Trifluoroacétaldéhyde hydrate / Trifluoroacetaldehido</i>						
30 °C	<i>hidrato</i>						
	CF ₃ CHO · xH ₂ O						
	C ₂ HF ₃ O · xH ₂ O M = (anhydrous) 98,02 g/mol						
	R: 10 disposal: 14						
61032	Trifluoroacetamide PROSYNTH®	FL.	100 g	71,—	60,35	56,80	53,25
A 6.1/81G	<i>Trifluoroacétamide / Trifluoroacetamida</i>	FL.	1 kg	475,—	403,75	380,—	365,75
C 6.1 1609 2	CF ₃ CONH ₂	2925					
	C ₂ H ₂ F ₃ NO M = 113,04 g/mol						
	assay (ex N)						98%
	melting range						68—70 °C

61030	Trifluoroacetic acid PROSYNTH® <i>Acide trifluoroacétique / Acido trifluoroacético</i> CF ₃ COOH C ₂ HF ₃ O ₂ M = 114,02 g/mol 1 L ≈ 1,48 kg assay (alkalimetric) 99% boiling range 71–73 °C refractive index (n _D ²⁰) 1,285  R: 20-35 S: 9-26-27-28 disposal: 21	FL. FL. 2914	100 ml 500 ml	33,25 137,50	28,25 116,90	26,60 110,—	24,95 105,90
09024	Trifluoroacetic acid-d deuteration degree not less than 99 atom % D <i>Acide trifluoroacétique-d / Acido trifluoroacético-d</i> CF ₃ COOD C ₂ DF ₃ O ₂ M = 115,02 g/mol 1 L ≈ 1,50 kg  R: 20-35 S: 9-26-27-28 disposal: 21	A. 2851	5 ml	27,25	23,15	21,80	20,45
61259	Trifluoroacetic acid sodium salt PROSYNTH® <i>Acide trifluoroacétique sel sodique / Acido trifluoroacético sal sódica</i> CF ₃ COONa C ₂ F ₃ NaO ₂ M = 136,01 g/mol assay 98% melting range 205–207 °C (disint.)  R: 26/27/28 S: 1/2-13-45 disposal: 7 Trifluoroacetic acid thallium salt see Thallium(III) trifluoroacetate	WG. 2914	25 g	22,50	19,15	18,—	16,90
61031	Trifluoroacetic anhydride PROSYNTH® <i>Anhydride trifluoroacétique / Anhídrido trifluoroacético</i> (CF ₃ CO) ₂ O C ₄ F ₆ O ₃ M = 210,03 g/mol 1 L ≈ 1,51 kg assay (alkalimetric) 98% boiling range 39–41 °C refractive index (n _D ²⁵) 1,269  R: 26/27/28 S: 1/2-13-45 disposal: 7	FL. 2914	100 ml	59,50	50,60	47,60	44,65
01815	1,1,1-Trifluoroacetone <i>Trifluoro-1-1-1-acétone / 1,1,1-Trifluoroacetona</i> CF ₃ COCH ₃ C ₃ H ₃ F ₃ O M = 112,05 g/mol 1 L ≈ 1,28 kg assay (GC) 96% boiling range 22–24 °C  R: 12-19 S: 9-16-29-33 disposal: 7	FL. 2913	100 ml	300,—	255,—	240,—	225,—
61388	Trifluoroacetylacetone PROSYNTH® <i>Trifluoroacétylacétone / Trifluoroacetilacetona</i> CH ₃ COCH ₂ COCF ₃ C ₅ H ₅ F ₃ O ₂ M = 154,09 g/mol 1 L ≈ 1,27 kg assay (GC) 99% boiling range 106–108 °C refractive index (n _D ²⁰) 1,389  R: 10-23/24/25 S: 44 disposal: 7	FL. 2913	100 ml	180,—	153,—	144,—	135,—




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61458	N-Trifluoroacetylimidazole PROSYNTH®		FL.	1 g	16,25	13,80	13,—	12,20
A 6.1/21	<i>N-Trifluoroacétyleimidazole / N-Trifluoroacetiloimidazol</i>		2935					
C 6.1 281,1 2	<chem>CF3COONCH=NCH=CH</chem> <chem>C5H3F3N2O2</chem> $M = 180,09$ g/mol $1\text{ L} \approx 1,44$ kg assay (GC) 99% boiling range 138—140 °C							
61389	1,2,4-Trifluorobenzene PROSYNTH®		FL.	5 ml	142,—	120,70	113,60	106,50
A 3/1A	<i>1-2-4-Trifluorobenzène / 1,2,4-Trifluorobenceno</i>		2902					
C 3.2 1993 2 +5 °C	<chem>C6H3F3</chem> $M = 132,08$ g/mol $1\text{ L} \approx 1,30$ kg assay (GC) 98% boiling range 88—90 °C refractive index (n_D^{20}) 1,417 <div>   R: 11-20 S: 7-16-29-33 disposal: 7 </div>							
61457	2,2,2-Trifluoroethanesulphonyl chloride PROSYNTH®		A.	1 ml	38,25	32,50	30,60	28,70
A 8/22	<i>2-2-2-Trifluoroéthane sulfonyle chlorure / 2,2,2-Trifluoroetano sulfonilo cloruro</i>		2903					
C 8 1760 2	<chem>F3CCH2SO2Cl</chem> <chem>C2H2ClF3O2S</chem> $M = 182,55$ g/mol $1\text{ L} \approx 1,65$ kg assay (ex Cl) 97% boiling range 139—141 °C refractive index (n_D^{20}) 1,388							
61017	2,2,2-Trifluoroethanol PROSYNTH®		FL.	100 ml	49,25	41,85	39,40	36,95
A 3/3	<i>2-2-2-Trifluoroéthanol / 2,2,2-Trifluoroetanol</i>		2904					
C 3.3 1993 2 35 °C	<chem>CF3CH2OH</chem> <chem>C2H3F3O</chem> $M = 100,04$ g/mol $1\text{ L} \approx 1,39$ kg assay (GC) 99% boiling range 75—77 °C refractive index (n_D^{22}) 1,291 <div>  R: 10-20/21/22 disposal: 7 </div>							
09076	2,2,2-Trifluoroethanol-d₃ deuteration degree not less than 99 atom %D		A.	5 ml	172,—	146,20	137,60	129,—
A 3/3	<i>Trifluoro-2-2-2- éthanol-d₃ / 2,2,2-Trifluoro etanol-d₃</i>		2851					
C 3.3 1993 2 +35 °C	<chem>CF3CD2OD</chem> <chem>C2D3F3O</chem> $M = 103,02$ g/mol $1\text{ L} \approx 1,43$ kg <div>  R: 10-20/21/22 disposal: 13 </div>							
61470	Trifluoromethanesulphonic acid PROSYNTH®		FL.	100 ml	208,—	176,80	166,40	156,—
A 8/15	<i>Acide trifluorométhansulfonique / Acido trifluorometanosulfónico</i>		2903					
C 8 1760 2	<chem>CF3SO3H</chem> <chem>CHF3O3S</chem> $M = 150,08$ g/mol $1\text{ L} \approx 1,71$ kg assay (alkalimetric) 98% boiling range 160—162 °C refractive index (n_D^{20}) 1,325							
61398	Trifluoromethanesulphonic anhydride PROSYNTH®		FL.	5 ml	65,50	55,70	52,40	49,15
A 8/21E	<i>Anhydride trifluorométhanesulfonique / Anhidrido trifluorometanosulfónico</i>		2903					
C 8 1760 2	<chem>(CF3SO2)2O</chem> <chem>C2F6O5S2</chem> $M = 282,14$ g/mol $1\text{ L} \approx 1,72$ kg assay (GC) 98% boiling range 82—84 °C refractive index (n_D^{20}) 1,322							





61461	2-Trifluoromethylacetophenone PROSYNTH® A 6.1/23 2-Trifluorométhylacétophénone / C 6.1 2810 2 2-Trifluorometiloacetofenona <chem>CF3C6H4COCH3</chem> C ₉ H ₇ F ₃ O M = 188,15 g/mol 1 L ≈ 1,26 kg assay (GC) 97% refractive index (n _D ²⁰) 1,459	FL. 2913	1 ml	34,50	29,35	27,60	25,90
61462	4-Trifluoromethylacetophenone PROSYNTH® A 6.1/23 4-Trifluorométhylacétophénone / C 6.1 2810 2 4-Trifluorometiloacetofenona <chem>CF3C6H4COCH3</chem> C ₉ H ₇ F ₃ O M = 188,15 g/mol assay (GC) 96% melting range 26–29 °C	FL. 2913	1 g	45,25	38,45	36,20	33,95
61084	2-Trifluoromethylaniline PROSYNTH® A 6.1/21E 2-Trifluorométhylaniline / 2-Trifluorometilanilina C 6.1 2810 2 C ₆ H ₄ (CF ₃)(NH ₂) C ₇ H ₆ F ₃ N M = 161,13 g/mol 1 L ≈ 1,29 kg assay 98% boiling range (at 20 mbar) 66–68 °C refractive index (n _D ²⁰) 1,481  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	100 ml	55,50	47,20	44,40	41,65
61085	3-Trifluoromethylaniline PROSYNTH® A 6.1/21E 3-Trifluorométhylaniline / 3-Trifluorometilanilina C 6.1 2810 2 C ₆ H ₄ (NH ₂)(CF ₃) C ₇ H ₆ F ₃ N M = 161,13 g/mol 1 L ≈ 1,30 kg assay 95% boiling range 189–192 °C refractive index (n _D ²⁰) 1,480  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	250 ml 1 L	44,25 147,50	37,60 125,40	35,40 118,—	33,20 113,60
61200	4-Trifluoromethylaniline PROSYNTH® A 6.1/21E 4-Trifluorométhylaniline / 4-Trifluorometilanilina C 6.1 2810 2 NH ₂ C ₆ H ₄ CF ₃ C ₇ H ₆ F ₃ N M = 161,13 g/mol 1 L ≈ 1,30 kg assay (GC) 98% boiling range (at 16 mbar) 81–83 °C refractive index (n _D ²⁰) 1,494  R: 23/24/25-33 S: 28-36/37-44 disposal: 7	FL. 2922	1 ml	44,75	38,05	35,80	33,55
Trifluoromethylbenzene see Benzotrifluoride							
61463	4-Trifluoromethylbenzoic acid PROSYNTH® Acide 4-trifluorométhylbenzoïque / Acido 4-trifluorometilobenzóico <chem>CF3C6H4COOH</chem> C ₈ H ₅ F ₃ O ₂ M = 190,12 g/mol assay (alkalimetric) 97% melting range 219–222 °C	FL. 2914	1 g	28,50	24,25	22,80	21,40
61464	3-Trifluoromethylbenzonitrile PROSYNTH® A 6.1/21 3-Trifluorométhylbenzonitrile / 3-Trifluorometilobenzonitrilo C 6.1 2810 2 C ₆ H ₄ F ₃ N C ₈ H ₄ F ₃ N M = 171,12 g/mol 1 L ≈ 1,28 kg assay (GC) 99% boiling range 189–191 °C refractive index (n _D ²⁰) 1,458  R: 23/24/25 S: 44 disposal: 15	FL. 2927	5 ml	15,50	13,20	12,40	11,65






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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
61453	2-Trifluoromethylbenzoyl chloride PROSYNTH® A 8/22 <i>2-Trifluorométhylbenzoyle chlorure /</i> C 8 1759 2 <i>2-Trifluorometilbenzoilo cloruro</i> CF ₃ C ₆ H ₄ COCl C ₈ H ₄ ClF ₃ O M = 208,57 g/mol 1 L ≈ 1,42 kg assay (ex Cl) 95% boiling range 198–200 °C refractive index (n _D ²⁰) 1,477  R: 34 S: 26 disposal: 21	FL. 2914	1 ml	18,—	15,30	14,40	13,50
61466	4-Trifluoromethylbenzoyl chloride PROSYNTH® A 8/22 <i>4-Trifluorométhylbenzoyle chlorure /</i> C 8 1760 2 <i>4-Trifluorometilbenzoilo cloruro</i> CF ₃ C ₆ H ₄ COCl C ₈ H ₄ ClF ₃ O M = 208,57 g/mol 1 L ≈ 1,40 kg assay (ex Cl) 98% refractive index (n _D ²⁰) 1,477  R: 34 S: 26 disposal: 21	FL. 2914	1 ml	40,50	34,45	32,40	30,40
61092	3-Trifluoromethylbenzoyl fluoride PROSYNTH® A 8/22 <i>3-Trifluorométhylbenzoyle fluorure /</i> C 8 1760 2 <i>3-Trifluorometilbenzoilo fluoruro</i> C ₆ H ₄ (COF)(CF ₃) C ₈ H ₄ F ₄ O M = 192,11 g/mol 1 L ≈ 1,40 kg assay 96% boiling range 159–163 °C refractive index (n _D ²⁰) 1,434 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera  R: 34 S: 26 disposal: 21	FL. 2914	25 ml	16,50	14,05	13,20	12,40
61139	3-(Trifluoromethyl)-diphenylamine PROSYNTH® <i>3-(Trifluorométhyl)-diphénylamine / 3-(Trifluorometil)-difenilamina</i> F ₃ CC ₆ H ₄ NHC ₆ H ₅ C ₁₃ H ₁₀ F ₃ N M = 237,22 g/mol 1 L ≈ 1,26 kg assay (GC) 98% boiling range (at 4 mbar) 125–127 °C refractive index (n _D ²⁰) 1,566	WG. 2922	10 g	32,—	27,20	25,60	24,—
61468	N-(3-Trifluoromethylphenyl)-anthranilic acid PROSYNTH® <i>Acide N-(3-trifluorométhylphényle)-anthranilique / Acido N-(3-trifluorometilofenilo)-antranílico</i> CF ₃ C ₆ H ₄ NHC ₆ H ₄ COOH C ₁₄ H ₁₀ F ₃ NO ₂ M = 281,23 g/mol assay (alkalimetric) 97% melting range 132–135 °C	WG. 2923	10 g	13,25	11,25	10,60	9,95
61153	N-[2'-(Trifluoromethyl)-phenyl]-β-cetobutyramide PROSYNTH® <i>N-[2'-(Trifluorométhyl)-phényl]-β-cétobutyramide / N-[2'-(Trifluorometil)-fenil]-β-cetobutiramida</i> CH ₃ COCH ₂ CONHC ₆ H ₄ CF ₃ C ₁₁ H ₁₀ F ₃ NO ₂ M = 245,20 g/mol assay (ex N) 98% melting range 53–56 °C	WG. 2925	10 g	13,25	11,25	10,60	9,95
61089	3-Trifluoromethylphenyle iso-cyanate PROSYNTH® A - <i>3-Trifluorométhylphényle iso-cyanate / 3-Trifluorometilfenil iso-cianato</i> B 6.1/25 C 6.1 2810 2 C ₆ H ₄ (CF ₃)(NCO) C ₈ H ₄ F ₃ NO M = 187,12 g/mol 1 L ≈ 1,33 kg assay 90%	FL. 2930	100 ml	109,—	92,65	87,20	81,75



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61391	2,4,5-Trifluoronitrobenzene PROSYNTH® A 6.1/21K <i>2-4-5-Trifluoronitrobenzène / 2,4,5-Trifluoronitrobenceno</i> C 6.1 2811 2 <chem>C6H2F3NO2</chem> $M = 177,08$ g/mol assay (GC) 98%	FL. 2903	1 g	40,25	34,20	32,20	30,20
35875	Trifluralin min. 99% PESTANAL® (N,N-Dipropyl-2,6-dinitro-4-trifluoromethylaniline) <chem>O2NC=CHC(CF3)=CHC(NO2)=CN(CH2CH2CH3)2</chem> <chem>C13H16F3N3O4</chem> $M = 335,28$ g/mol Triglycol see Triethylene glycol Trigol see Triethylene glycol 1,2,3-Trihydroxybenzene see Pyrogallol 1,3,5-Trihydroxybenzene see Phloroglucinol 3,4,5-Trihydroxybenzoic acid see Gallic acid	FL. 2922	1 g	35,50	30,20	28,40	26,65
65122	2,4,6-Trihydroxybenzoic acid monohydrate PROSYNTH® <i>Acide 2-4-6-trihydroxybenzoïque monohydrate / Acido 2,4,6-trihidroxibenzóico monohidrato</i> <chem>C6H2(OH)3COOH · H2O</chem> <chem>C7H6O5 · H2O</chem> $M = 188,14$ g/mol assay (alkalimetric) 97% melting range 207—210 °C (disint.) 3,7,12-Trihydroxycholanolic acid see Cholic acid (1 S)-1,4t,5t-Trihydroxy-3c(3,4-dihydroxy-trans-cinnamoyloxy)cyclohexane-1-carboxylic acid see Chlorogenic acid hemihydrate	WG. 2916	50 g	32,—	27,20	25,60	24,—
64927	1,3,5-Triisopropylbenzene PROSYNTH® <i>Triisopropyl-1-3-5-benzène / 1,3,5-Triisopropilbenceno</i> <chem>[(CH3)2CH]3C6H3</chem> <chem>C15H24</chem> $M = 204,35$ g/mol 1 L ≈ 0,86 kg assay (GC) 98% boiling range 235—237 °C refractive index (n_D^{20}) 1,488	FL. 2901	100 ml	51,—	43,35	40,80	38,25
60316	2,4,6-Triisopropylbenzenesulphonyl chloride PROSYNTH® A 8 <i>2-4-6-Triisopropylbenzène sulfonyle chlorure /</i> C 8 1759 2 <i>2,4,6-Triisopropilbenceno sulfonilo cloruro</i> <chem>[(CH3)2CH]3C6H2SO2Cl</chem> <chem>C15H23ClO2S</chem> $M = 302,86$ g/mol assay (ex Cl) 98% melting range 94—96 °C Triketohydrindene hydrate see Ninhydrin Trilon B see Ethylenediamine tetra acetic acid trisodium salt Trimellitic acid see 1,2,4-Benzenetricarboxylic acid Trimesinic acid see 1,3,5-Benzenetricarboxylic acid	WG. WG. 2903	25 g 100 g	70,— 238,—	59,50 202,30	56,— 190,40	52,50 178,50
65123	2,3,4-Trimethoxyacetophenone PROSYNTH® <i>2-3-4-Triméthoxyacétophénone /</i> <i>2,3,4-Trimetoxiacetofenona</i> <chem>(CH3O)3C6H2COCH3</chem> <chem>C11H14O4</chem> $M = 210,23$ g/mol 1 L ≈ 1,16 kg assay (GC) 97% boiling range (at 27 mbar) 182—184 °C refractive index (n_D^{20}) 1,540	FL. 2913	10 ml	26,—	22,10	20,80	19,50





63788	2,4,5-Trimethoxyacetophenone PROSYNTH® <i>2-4-5-Triméthoxyacétophénone /</i> <i>2,4,5-Trimetoxiacetofenona</i> (CH ₃ O) ₃ C ₆ H ₂ COCH ₃ C ₁₁ H ₁₄ O ₄ M = 210,23 g/mol melting range 98–100 °C	WG. 2913	10 g	31,75	27,—	25,40	23,80
64906	3,4,5-Trimethoxyacetophenone PROSYNTH® <i>Triméthoxy-3-4-5-acétophénone /</i> <i>3,4,5-Trimetoxiacetofenona</i> (CH ₃ O) ₃ C ₆ H ₂ COCH ₃ C ₁₁ H ₁₄ O ₄ M = 210,23 g/mol assay (GC) 97% melting range 78–80 °C	WG. 2913	25 g	60,—	51,—	48,—	45,—
63789	2,4,6-Trimethoxybenzaldehyde PROSYNTH® <i>2-4-6-Triméthoxybenzaldéhyde /</i> <i>2,4,6-Trimetoxibenzaldehydo</i> (CH ₃ O) ₃ C ₆ H ₂ CHO C ₁₀ H ₁₂ O ₄ M = 196,20 g/mol assay (GC) 98% melting range 118–120 °C	WG. 2911	10 g	27,25	23,15	21,80	20,45
63131	3,4,5-Trimethoxybenzaldehyde PROSYNTH® <i>3-4-5-Triméthoxybenzaldéhyde /</i> <i>3,4,5-Trimetoxibenzaldehydo</i> (CH ₃ O) ₃ C ₆ H ₂ CHO C ₁₀ H ₁₂ O ₄ M = 196,20 g/mol assay (GC) 98% melting range 72–74 °C	WG. 2911	10 g	8,75	7,45	7,—	6,55
64907	1,2,4-Trimethoxybenzene PROSYNTH® <i>Triméthoxy-1-2-4-benzène / 1,2,4-Trimetoxibenceno</i> C ₆ H ₃ (OCH ₃) ₃ C ₉ H ₁₂ O ₃ M = 168,19 g/mol 1 L ≈ 1,13 kg assay (GC) 99% boiling range 245–247 °C refractive index (n _D ²⁰) 1,533	FL. 2908	25 ml	77,50	65,90	62,—	58,15
65125	1,2,3-Trimethoxybenzene PROSYNTH® <i>1-2-3-Triméthoxybenzène / 1,2,3-Trimetoxibenceno</i> (CH ₃ O) ₃ C ₆ H ₃ C ₉ H ₁₂ O ₃ M = 168,19 g/mol assay (GC) 98% melting range 43–46 °C	WG. 2908	25 g	31,25	26,55	25,—	23,45
65126	1,3,5-Trimethoxybenzene PROSYNTH® <i>Triméthoxy-1-3-5-benzène / 1,3,5-Trimetoxibenceno</i> (CH ₃ O) ₃ C ₆ H ₃ C ₉ H ₁₂ O ₃ M = 168,19 g/mol assay (GC) 97% melting range 50–52 °C	WG. 2908	25 g	36,75	31,25	29,40	27,55
63132	3,4,5-Trimethoxybenzoic acid PROSYNTH® <i>Acide 3-4-5-triméthoxybenzoïque / Acido 3,4,5-trimetoxibenzóico</i> (CH ₃ O) ₃ C ₆ H ₂ COOH C ₁₀ H ₁₂ O ₅ M = 212,20 g/mol assay (alkalimetric) 99% melting range 169–172 °C	PF. 2916	100 g	30,75	26,15	24,60	23,05




64908	3,4,5-Trimethoxybenzonitrile PROSYNTH® <i>Triméthoxy-3-4-5-benzonitrile / 3,4,5-Trimetoxibenzonitrilo</i> (CH ₃ O) ₃ C ₆ H ₂ CN C ₁₀ H ₁₁ NO ₃ M = 193,20 g/mol assay 98% melting range 92–94 °C  R: 23/24/25 S: 44 disposal: 15	WG. 2927	25 g	85,50	72,70	68,40	64,15
63790	2,4,5-Trimethoxybenzophenone PROSYNTH® <i>2-4-5-Triméthoxybenzophénone /</i> <i>2,4,5-Trimetoxibenzofenona</i> (CH ₃ O) ₃ C ₆ H ₂ COC ₆ H ₅ C ₁₆ H ₁₆ O ₄ M = 272,30 g/mol	WG. 2913	25 g	51,—	43,35	40,80	38,25
63791	trans-3,4,5-Trimethoxycinnamic acid PROSYNTH® <i>Acide trans-3-4-5-triméthoxycinnamique / Acido trans-3,4,5-trimetoxicinámico</i> (CH ₃ O) ₃ C ₆ H ₂ CH = CHCOOH C ₁₂ H ₁₄ O ₅ M = 238,24 g/mol assay (alkalimetric) 99% melting range 124–126 °C	WG. 2916	5 g	19,—	16,15	15,20	14,25
	Trimethoxymethane see Trimethyl orthoformate						
	3,4,5-Trimethoxy-α-oxotoluene see 3,4,5-Trimethoxybenzaldehyde						
64911	3,4,5-Trimethoxyphenylacetic acid PROSYNTH® <i>Acide 3-4-5-triméthoxyphénylacétique / Acido 3,4,5-trimetoxifenilacético</i> (CH ₃ O) ₃ C ₆ H ₂ CH ₂ COOH C ₁₁ H ₁₄ O ₅ M = 226,23 g/mol assay (alkalimetric) 97% melting range 112–114 °C	WG. 2916	10 g	65,50	55,70	52,40	49,15
	Trimethylacetaldehyde see Pivalaldehyde						
	Trimethyl acetic anhydride see Pivalic anhydride						
	Trimethylacetoneitrile see Pivalonitrile						
63792	2,4,6-Trimethylacetophenone PROSYNTH® <i>2-4-6-Triméthylacétophénone / 2,4,6-Trimetilacetofenona</i> (CH ₃) ₃ C ₆ H ₂ COCH ₃ C ₁₁ H ₁₄ O M = 162,23 g/mol 1 L ≈ 0,97 kg assay (GC) 98% boiling range 238–240 °C refractive index (n _D ²⁰) 1,517	FL. 2913	25 ml	41,50	35,30	33,20	31,15
	Trimethyl-(2-acetoxyethyl)ammonium chloride see Acetylcholine chloride						
	Trimethyl-(2-acetoxyethyl)ammonium iodide see Acetylcholine iodide						
	1,3,5-Trimethyl-2-acetylbenzene see 2,4,6-Trimethylacetophenone						
	Trimethyl-(2-acetylmercaptoethyl)ammonium iodide see Acetylthiocholine iodide						
16343	Trimethylamine solution 45% <i>Triméthylamine en solution / Trimetilamina en solución</i> (CH ₃) ₃ N C ₃ H ₉ N M = 59,11 g/mol 1 L ≈ 0,87 kg   R: 13-36/37 S: 16-26-29 disposal: 19	FL. EKL. 2922	1 L 25 kg	17,50 price on request	14,90	14,—	13,50



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64912	Trimethylammonium chloride PROSYNTH® <i>Triméthylammonium chlorure / Trimetilamonio cloruro</i> (CH ₃) ₃ N · HCl C ₃ H ₁₀ ClN M = 95,57 g/mol assay (ex Cl) 98% melting range 278—280 °C (disint.)	WG. 2924	250 g	20,25	17,20	16,20	15,20
63133	2,4,5-Trimethylaniline PROSYNTH® A 6.1/11 B <i>2-4-5-Triméthylaniline / 2,4,5-Trimetilanilina</i> C 6.1 2811 2 (CH ₃) ₃ C ₆ H ₂ NH ₂ C ₉ H ₁₃ N M = 135,21 g/mol assay (ex N) 98% melting range 63—65 °C  R: 23/24/25-33 S: 28-37-44 disposal: 19	WG. 2922	100 g	24,—	20,40	19,20	18,—
64913	2,4,6-Trimethylaniline PROSYNTH® A 6.1/11 B <i>Triméthyl-2-4-6-aniline / 2,4,6-Trimetilanilina</i> C 6.1 2810 2 (CH ₃) ₃ C ₆ H ₂ NH ₂ C ₉ H ₁₃ N M = 135,21 g/mol 1 L ≈ 0,96 kg assay (GC) 98% boiling range (at 15 mbar) 108—110 °C refractive index (n _D ²⁰) 1,551  R: 23/24/25-33 S: 28-37-44 disposal: 19	FL. 2922	100 ml	28,50	24,25	22,80	21,40
64914	2,4,6-Trimethylbenzaldehyde PROSYNTH® stabilized with hydroquinone (1 g/l) <i>Aldéhyde triméthyl-2-4-6-benzoïque / 2,4,6-Trimetilbenzaldehydo</i> (CH ₃) ₃ C ₆ H ₂ CHO C ₁₀ H ₁₂ O M = 148,20 g/mol 1 L ≈ 1,02 kg assay (GC) 98% boiling range (at 67 mbar) 190—192 °C 1,2,4-Trimethylbenzene see Pseudocumene 1,3,5-Trimethylbenzene see Mesitylene	FL. 2911	10 ml	53,—	45,05	42,40	39,75
64915	2,4,6-Trimethylbenzenesulphonic acid dihydrate PROSYNTH® <i>Acide triméthyl-2-4-6-benzènesulfonique dihydrate / Acido 2,4,6-trimetilbencenosulfónico dihidrato</i> (CH ₃) ₃ C ₆ H ₂ SO ₃ H · 2H ₂ O C ₉ H ₁₂ O ₃ S · 2H ₂ O M = 236,29 g/mol assay (alkalimetric) 98% melting range 76—78 °C	WG. 2903	25 g	49,75	42,30	39,80	37,30
63134	2,4,6-Trimethylbenzoic acid PROSYNTH® <i>Acide 2-4-6-triméthylbenzoïque / Acido 2,4,6-trimetilbenzóico</i> (CH ₃) ₃ C ₆ H ₂ COOH C ₁₀ H ₁₂ O ₂ M = 164,20 g/mol assay (alkalimetric) 98% melting range 150—152 °C 2,6,6-Trimethylbicyclo-[3,1,1]-heptene-(2) see (+)-α-Pinene	WG. 2914	10 g	46,—	39,10	36,80	34,50
27683	Trimethyl borate abt. 72% in methanol A 3/5 <i>Triméthyle borate / Trimetilo borato</i> C 3.2 1992 2 B(OCH ₃) ₃ + 7 °C C ₃ H ₉ BO ₃ M = 103,91 g/mol 1 L ≈ 0,89 kg   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. EKL. F. 2921	1 L 25 kg 180 kg	27,75 price on request price on request	23,60	22,20	21,35




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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
27623	Trimethyl borate 63-65% in methanol A 3/5 Triméthyle borate / Trimetilo borato C 3.2 1992 2 B(OCH ₃) ₃ + 7°C C ₃ H ₉ BO ₃ M = 103,91 g/mol 1 L ≈ 0,88 kg	ALU. EKL. F. 2921	5 L 25 kg 180 kg	96,— price on request price on request	79,70	74,90	72,—
	  R: 11-23/25 S: 2-7-16-24 disposal: 18						
	Trimethyl-(2-butyryloxyethyl)ammonium chloride see Butyrylcholine chloride						
	Trimethyl-(2-butyryloxyethyl)ammonium iodide see Butyrylcholine iodide						
	Trimethylchlorosilane see Chlorotrimethylsilane						
63136	1,3,5-Trimethylcyclohexane PROSYNTH® mixture of <i>cis</i> - and A 3/1A <i>trans</i> -isomers C 3.2 1993 2 1-3-5-Triméthylcyclohexane / 1,3,5-Trimetilciclohexano + 19°C CH ₃ CHCH ₂ CH(CH ₃)CH ₂ CH(CH ₃)CH ₂ C ₉ H ₁₈ M = 126,24 g/mol 1 L ≈ 0,77 kg assay (GC) 97% boiling range 138—141 °C refractive index (n _D ²⁰) 1,428	FL. 2901	25 ml	17,50	14,90	14,—	13,15
	 R: 11 S: 9-16-33 disposal: 6						
	Trimethylene bromide see 1,3-Dibromopropane						
	Trimethylenchlorhydrine see 3-Chloropropanol-(1)						
	Trimethylene cyanide see Glutarodinitrile						
	Trimethylenediamine see 1,3-Propanediamine						
	Trimethylene glycol see Propanediol-(1,3)						
	Trimethyl-(2-hydroxyethyl)ammonium chloride see Choline chloride						
	Trimethyl-(hydroxyethyl)ammonium iodide see Choline iodide						
	Trimethylol propane tripelargonate see Celanese ester No. 9						
64561	Trimethyl orthoacetate PROSYNTH® A 3/1A Triméthyle orthoacétate / Trimetilo ortoacetato C 3.2 1993 2 H ₃ CC(OCH ₃) ₃ + 18°C C ₅ H ₁₂ O ₃ M = 120,15 g/mol 1 L ≈ 0,96 kg type analyse assay (GC) 98% boiling range 107—109 °C refractive index (n _D ²⁰) 1,390	FL. 2914	100 ml	82,—	69,70	65,60	61,50
	 R: 11 S: 16-23-29-33 disposal: 6						
62927	Trimethyl orthoformate PROSYNTH® A 3/1A Triméthyle orthoformiate / Trimetilo ortoformiato C 3.2 1993 2 CH(OCH ₃) ₃ + 15°C C ₄ H ₁₀ O ₃ M = 106,12 g/mol 1 L ≈ 0,97 kg assay (GC) 97% boiling range 100—102 °C refractive index (n _D ²⁰) 1,379	FL. 2914	250 ml	13,25	11,25	10,60	9,95
	 R: 11 S: 9-16-33 disposal: 6						
	2,2,4-Trimethylpentane see <i>iso</i> -Octane						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (4 Boxes)	24x (16 Boxes)	96x (16 Boxes)
63140	2,4,4-Trimethylpentene-(1) PROSYNTH® A 3/1A <i>2-4-4-Triméthylpentène-(1) / 2,4,4-Trimetilpenteno-(1)</i> C 3.2 2050 2 +18 °C <chem>(CH3)3CCH2C(CH3)=CH2</chem> <chem>C8H16</chem> $M = 112,21$ g/mol $1\text{ L} \approx 0,71$ kg assay (GC) 99% boiling range 100–102 °C refractive index (n_D^{20}) 1,408  R: 11 S: 9-16-29-33 disposal: 6	FL. 2901	50 ml	24,75	21,05	19,80	18,55
63797	2,4,4-Trimethylpentene-(2) PROSYNTH® A 3/1A <i>2-4-4-Triméthylpentène-(2) / 2,4,4-Trimetilpenteno-(2)</i> C 3.2 2050 2 +2 °C <chem>(CH3)3CCH=C(CH3)2</chem> <chem>C8H16</chem> $M = 112,22$ g/mol $1\text{ L} \approx 0,72$ kg assay (GC) 98% boiling range 103–105 °C refractive index (n_D^{20}) 1,416  R: 11 S: 9-16-33 disposal: 6	FL. 2901	50 ml	19,75	16,80	15,80	14,80
65127	2,3,5-Trimethylphenol PROSYNTH® A 6.1/22 <i>Triméthyl-2-3-5-phénol / 2,3,5-Trimetilfenol</i> C 6.1 2811 2 <chem>(CH3)3C6H2OH</chem> <chem>C9H12O</chem> $M = 136,19$ g/mol assay (GC) 98% melting range 92–94 °C	WG. 2906	100 g	23,25	19,75	18,60	17,45
65128	2,3,6-Trimethylphenol PROSYNTH® A 6.1/22B <i>Triméthyl-2-3-6-phénol / 2,3,6-Trimetilfenol</i> C 6.1 2811 2 <chem>(CH3)3C6H2OH</chem> <chem>C9H12O</chem> $M = 136,19$ g/mol assay (GC) 98% melting range 62–64 °C	WG. 2906	100 g	24,75	21,05	19,80	18,55
63142	Trimethyl phosphate PROSYNTH® C 6.1 1893 3 <i>Triméthyle phosphate / Trimetilo fosfato</i> <chem>(CH3O)3PO</chem> <chem>C3H9O4P</chem> $M = 140,08$ g/mol $1\text{ L} \approx 1,19$ kg assay (GC) 98% boiling range 195–197 °C refractive index (n_D^{20}) 1,396	FL. 2919	1 L	69,50	59,10	55,60	53,50
60372	Trimethyl phosphin oxide PROSYNTH® <i>Triméthylphosphine oxyde / Trimetilfosfina óxido</i> <chem>(CH3)3PO</chem> <chem>C3H9OP</chem> $M = 92,08$ g/mol assay (GC) 98% <chem>(CH3)2P(O)H</chem> (GC) 2% melting range 136–139 °C	WG. 2934	25 g	81,50	69,30	65,20	61,15
63798	1,2,4-Trimethylpiperazine PROSYNTH® A 3/3 <i>1-2-4-Triméthylpipérazine / 1,2,4-Trimetilpiperacina</i> C 3.3 1993 2 +51 °C <chem>CH3NCH2CH(CH3)N(CH3)CH2CH2</chem> <chem>C7H16N2</chem> $M = 128,22$ g/mol $1\text{ L} \approx 0,85$ kg assay (ex N) 92% R: 10 disposal: 17	FL. 2935	50 ml	19,50	16,60	15,60	14,65
63143	N-(Trimethylsilyl)acetamide PROSYNTH® <i>N-(Triméthylsilyl)acétamide / N-(Trimetilsilil)acetamida</i> <chem>CH3CONHSi(CH3)3</chem> <chem>C5H13NOSi</chem> $M = 131,25$ g/mol assay (ex S) 98% melting range 34–36 °C	FL. 2934	10 g	16,50	14,05	13,20	12,40
1,1,1-Trimethylpropane see 1,1,1-Tris-(hydroxymethyl)-propane							
2,4,6-Trimethylpyridine see <i>symm.</i> -Collidine							

64639	Trimethylsilyl azide PROSYNTH® Triméthylsilyl azide / Trimetilsilil azida	FL. 2934	50 ml	86,—	73,10	68,80	64,50
A 3/3							
C 3.3 1993 2	(CH ₃) ₃ SiN ₃						
+49 °C	C ₃ H ₉ N ₃ Si M = 115,21 g/mol 1 L ≈ 0,87 kg						
	assay (GC) 97 %						
	boiling range 92—95 °C						
	refractive index (n _D ²⁰) 1,415						
	 R: 10-23/24/25 S: 44 disposal: 17						
63144	N-(Trimethylsilyl)diethylamine PROSYNTH® N-(Triméthylsilyl)diéthylamine / N-(Trimetilsilil)diethylamina	FL. 2934	5 ml	66,50	56,55	53,20	49,90
A 3/3							
C 3.2 1993 2	(C ₂ H ₅) ₂ NSi(CH ₃) ₃						
+22 °C	C ₇ H ₁₉ NSi M = 145,33 g/mol 1 L ≈ 0,77 kg						
	assay (GC) 97 %						
	boiling range 124—126 °C						
	refractive index (n _D ²⁰) 1,411						
	  R: 11-36/37/38 S: 16-26-29 disposal: 19						
09009	3-(Trimethylsilyl)-propionic acid-d ₄ sodium salt Acide triméthylsilyl)-3-propionique-d ₄ , sel sodique / Acido 3-(trimetilsilil)-propiónico-d ₄ , sal sódica	A. 2851	5 g	236,—	200,60	188,80	177,—
A 8/21D							
C 8 1760 2	(CH ₃) ₃ SiCD ₂ CD ₂ COONa C ₆ H ₉ D ₄ NaO ₂ Si M = 172,21 g/mol						
63807	2,4,6-Trimethylstyrene PROSYNTH® 2-4-6-Triméthylstyrène / 2,4,6-Trimetilestireno	FL. 2901	5 ml	29,50	25,10	23,60	22,15
A 3/4							
+72 °C	(CH ₃) ₃ C ₆ H ₂ CH = CH ₂ C ₁₁ H ₁₄ M = 146,23 g/mol 1 L ≈ 0,90 kg						
	assay (GC) 95 %						
65129	Trimethylsulphonium iodide PROSYNTH® Triméthylsulfonium iodure / Trimetilsulfonio yoduro	WG. 2931	25 g	27,25	23,15	21,80	20,45
	(CH ₃) ₃ SJ C ₃ H ₉ JS M = 204,07 g/mol						
	assay (ex I) 98 %						
	melting range 216—219 °C						
64921	Trimethylsulphoxonium iodure PROSYNTH® Triméthylsulfoxonium iodure / Trimetilsulfoxónio yoduro	WG. 2931	100 g	51,50	43,80	41,20	38,65
	(CH ₃) ₃ SO(J) C ₃ H ₉ JOS M = 220,07 g/mol						
	assay (ex J) 98 %						
	melting range 208—212 °C (disint.)						
60480	Trimethyltin chloride PROSYNTH® Triméthylétain chlorure / Trimetilestaño cloruro	FL. 2934	5 g	28,50	24,25	22,80	21,40
A 6.1/81F2							
C 6.1 1615 2	(CH ₃) ₃ SnCl C ₃ H ₉ ClSn M = 199,25 g/mol						
	assay (ex Sn) 99 %						
	melting range 37—39 °C						
	 R: 23/24/25 S: 2-13-44 disposal: 10						
	1,1,3-Trimethyltrimethylene glycol see 2-Methylenpentanediol-(2,4)						
	1,3,5-Trimethyl-2-vinylbenzene see 2,4,6-Trimethylstyrene						
	1,3,7-Trimethylxanthine see Caffeine						
	2,4,6-Trinitrophenol see Picric acid						

63145	Trioctylamine PROSYNTH® A 8/35 <i>Trioctylamine / Triocetilamina</i> C 8 1760 2 <chem>[CH3(CH2)7]3N</chem> <chem>C24H51N</chem> <i>M</i> = 353,67 g/mol 1 L ≈ 0,82 kg assay 97% boiling range 365–367 °C refractive index (n _D ²⁰) 1,449	FL. 2922	25 ml	8,75	7,45	7,—	6,55
60465	Tri-iso-octylamine PROSYNTH® A 8/35 <i>Tri-iso-octylamine / Tri-iso-octilamina</i> C 8 1760 2 <chem>C24H51N</chem> <i>M</i> = 353,67 g/mol 1 L ≈ 0,82 kg assay 98%	FL. 2922	100 ml	20,—	17,—	16,—	15,—
33761	Trioctylphosphine oxide for extraction analysis <i>Trioctyl phosphine oxyde / Triocetilfosfina óxido</i> <chem>[CH3(CH2)6CH2]3PO</chem> <chem>C24H51OP</chem> <i>M</i> = 386,64 g/mol assay min. 99% melting range 52–54 °C water (according to Karl Fischer) max. 0,5% free acid (as H ₃ PO ₄) max. 0,2%	WG. WG. 2934	10 g 100 g	22,50 183,—	19,15 155,55	18,— 146,40	16,90 137,25
65156	Trioctyl phosphine oxide PROSYNTH® <i>Triocetilphosphine oxyde / Triocetilfosfina óxido</i> <chem>[CH3(CH2)6CH2]3PO</chem> <chem>C24H51OP</chem> <i>M</i> = 384,64 g/mol assay 95% melting range 53–56 °C	PF. 2934	250 g	201,—	170,85	160,80	150,75
63146	1,3,5-Trioxane PROSYNTH® <i>1-3-5-Trioxanne / 1,3,5-Trioxano</i> <chem>OCH2OCH2OCH2</chem> <chem>C3H6O3</chem> <i>M</i> = 90,08 g/mol assay (GC) 98% melting range 60–62 °C <div><div></div><div>R: 22 S: 24/25 disposal: 6</div></div>	PF. 2911	1 kg	40,50	34,45	32,40	31,20
2,4,6-Trioxohexahydro-1,3,5-triazine see Cyanuric acid Trioxomethylene see 1,3,5-Trioxane Tripentylamine see Triamylamine Tri-o-phenanthroline iron(II) salt see Ferroin solution							
63799	Triphenylamine PROSYNTH® <i>Triphénylamine / Trifenilamina</i> <chem>(C6H5)3N</chem> <chem>C18H15N</chem> <i>M</i> = 245,32 g/mol assay (ex N) 98% melting range 125–127 °C	WG. 2922	10 g	24,75	21,05	19,80	18,55
63147	Triphenylantimony PROSYNTH® A 6.1/75 <i>Triphénylantimoine / Trifenilantimonio</i> C 6.1 2811 3 <chem>(C6H5)3Sb</chem> <chem>C18H15Sb</chem> <i>M</i> = 353,07 g/mol assay (ex Sb) 98% melting range 53–55 °C <div><div></div><div>R: 20/22 S: 22 disposal: 7</div></div>	WG. 2934	100 g	42,75	36,35	34,20	32,05
63800	Triphenylantimony dichloride PROSYNTH® A 6.1/75 <i>Triphénylantimoine dichlorure / Trifenilantimonio dicloruro</i> C 6.1 2811 3 <chem>(C6H5)3SbCl2</chem> <chem>C18H15Cl2Sb</chem> <i>M</i> = 423,97 g/mol melting range 140–142 °C <div><div></div><div>R: 20/22 S: 22 disposal: 7</div></div>	WG. 2934	25 g	60,50	51,45	48,40	45,40

63148	Triphenylarsine PROSYNTH® <i>Triphénylarsine / Trifenilarsina</i> (C ₆ H ₅) ₃ As C ₁₈ H ₁₅ As M = 306,24 g/mol assay (ex As) 98% melting range 58–61 °C  R: 23/25 S: 1/2-20/21-28-44 disposal: 10	WG. 2934	10 g	22,—	18,70	17,60	16,50
63149	Triphenylarsine oxide PROSYNTH® <i>Triphénylarsine oxyde / Trifenilarsina óxido</i> (C ₆ H ₅) ₃ AsO C ₁₈ H ₁₅ AsO M = 322,24 g/mol assay (ex As) 98% melting range 189–191 °C  R: 23/25 S: 1/2-20/21-28-44 disposal: 10	WG. 2934	10 g	27,—	22,95	21,60	20,25
63154	Triphenylbismuth PROSYNTH® <i>Triphénylbismuth / Trifenilbismuto</i> (C ₆ H ₅) ₃ Bi C ₁₈ H ₁₅ Bi M = 440,30 g/mol assay (ex Bi) 98% melting range 76–79 °C	WG. 2934	25 g	76,50	65,05	61,20	57,40
Triphenylcarbinol see Triphenylmethanol							
64135	2,4,5-Triphenylimidazole PROSYNTH® <i>2-4-5-Triphénylimidazole / 2,4,5-Trifenilimidazol</i> <u>NHC(C₆H₅) = NC(C₆H₅) = CC₆H₅</u> C ₂₁ H ₁₆ N ₂ M = 296,37 g/mol assay (ex N) 98% melting range 275–277 °C	WG. 2935	5 g	17,—	14,45	13,60	12,75
63151	Triphenylmethanol PROSYNTH® <i>Triphénylméthanol / Trifenilmetanol</i> (C ₆ H ₅) ₃ COH C ₁₉ H ₁₆ O M = 260,33 g/mol assay (GC) 98% melting range 161–163 °C	PF. 2905	100 g	77,50	65,90	62,—	58,15
Triphenylmethyl chloride see Chlorotriphenylmethane							
63152	Triphenyl phosphate PROSYNTH® <i>Triphényle phosphate / Trifenilo fosfato</i> (C ₆ H ₅ O) ₃ PO C ₁₈ H ₁₅ O ₄ P M = 326,29 g/mol assay (GC) 98% melting range 48–50 °C	PF. 2919	1 kg	24,75	21,05	19,80	19,05
60404	Triphenylphosphine PROSYNTH® <i>Triphénylphosphine / Trifenilfosfina</i> (C ₆ H ₅) ₃ P C ₁₈ H ₁₅ P M = 262,29 g/mol assay 98% melting range 79–81 °C	WG. WG. 2934	100 g 1 kg	11,— 83,—	9,35 70,55	8,80 66,40	8,25 63,90
63153	Triphenylphosphine oxide PROSYNTH® <i>Triphénylphosphine oxyde / Trifenilfosfina óxido</i> (C ₆ H ₅) ₃ PO C ₁₈ H ₁₅ OP M = 278,29 g/mol assay 98% melting range 154–156 °C	PF. 2934	100 g	72,—	61,20	57,60	54,—

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			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
60293	Triphenyl phosphite PROSYNTH® <i>Triphényle phosphite / Trifenilo fosfito</i> (C ₆ H ₅ O) ₃ P C ₁₈ H ₁₅ O ₃ P M = 310,29 g/mol 1 L ≈ 1,19 kg assay 96 % boiling range (at 24 mbar) 233—235 °C refractive index (n _D ²⁰) 1,590  R: 36/38 S: 28 disposal: 7	FL. EKL. 2921	500 ml 35 kg price on request	16,50 14,05	13,20	12,70	
65130	Triphenylsilane PROSYNTH® <i>Triphénylsilane / Trifenilsilano</i> (C ₆ H ₅) ₃ SiH C ₁₈ H ₁₈ Si M = 260,41 g/mol assay (GC) 99 % melting range 43—46 °C  R: 36/37/38 S: 26 disposal: 7	WG. 2934	10 g	22,— 18,70	17,60	16,50	
Triphenylstannyl chloride see Triphenyltin chloride							
33732	2,3,5-Triphenyltetrazolium chloride (TTC) R. G., testing agent for the power of germinating of seeds, Reag. Ph. Eur. I <i>2-3-5-Triphényltétrazolium chlorure TTC / 2,3,5-Trifeniltetrazolio cloruro TTC</i> <u>N(C₆H₅)N(Cl)(C₆H₅) = NC(C₆H₅) = N</u> C ₁₉ H ₁₅ ClN ₄ M = 334,81 g/mol assay min. 99,0 % sulphated ash max. 0,2 % iron (Fe) max. 0,001 % heavy metals (as Pb) max. 0,001 % suitability for testing the germinating power of seeds passes test	WG. 2935	10 g	23,25 19,75	18,60	17,45	
Triphenyltetrazolium chloride see TTC							
33764	Triphenyltin chloride R. G. <i>Triphénylétain chlorure / Trifenilestano cloruro</i> (C ₆ H ₅) ₃ SnCl C ₁₈ H ₁₅ ClSn M = 385,46 g/mol  R: 23/24/25 S: 2-13-44 disposal: 10	PF. 2934	100 g	32,25 27,40	25,80	24,20	
64925	Triphenylvinylphosphonium bromide PROSYNTH® <i>Triphénylvinylphosphonium bromure / Trifenilvinilfosfonio bromuro</i> CH ₂ = CHP(Br)(C ₆ H ₅) ₃ C ₂₀ H ₁₈ BrP M = 369,24 g/mol assay (ex Br) 98 % melting range 183—185 °C	WG. 2934	10 g	49,25 41,85	39,40	36,95	
Triphosphopyridine nucleotide sodium salt see Nicotinamide adenine dinucleotide phosphate sodium salt							
Tripotassium citrate see Potassium citrate							
Tripotassium phosphate see tri-Potassium phosphate							
16345	Tri-iso-propanolamine <i>Tri-iso-propanolamine / Tri-iso-propanolamina</i> (CH ₃ CHOHCH ₂) ₃ N C ₉ H ₂₁ NO ₃ M = 191,27 g/mol 1 L ≈ 1,02 kg	PF. EKL. 2923	1 L 30 kg price on request	17,75 15,10	14,20	13,65	

64926	Tripropylamine PROSYNTH® <i>Tripropylamine / Tripropilamina</i> (CH ₃ CH ₂ CH ₂) ₃ N C ₉ H ₂₁ N M = 143,27 g/mol 1 L ≈ 0,76 kg assay (GC) 98 % boiling range 155—157 °C refractive index (n _D ²⁰) 1,417 <div><div>✕</div><div>R: 10-36/37/38 S: 28 disposal: 19</div></div>	FL. 2922	250 ml	28,—	23,80	22,40	21,—
33762	α,α',α''-Tripyridyl R. G. <i>α-α'-α''-Tripyridyl / α,α',α''-Tripiridil</i> C ₁₅ H ₁₁ N ₃ M = 233,27 g/mol	WG. 2935	1 g	164,—	139,40	131,20	123,—
39674	1,2,3-Tris-(2-cyanoethoxy)-propane for gas chromatography <i>1-2-3-Tris-(2-cyanoéthoxy)-propane / 1,2,3-Tris-(2-cianoetoxi)-propano</i> NCCH ₂ CH ₂ OCH(CH ₂ OCH ₂ CH ₂ CN) ₂ C ₁₂ H ₁₇ N ₃ O ₃ M = 251,28 g/mol 1 L ≈ 1,11 kg working temperature to 170 °C	WG. 2927	50 ml	41,50	35,30	33,20	31,15
64928	2,4,6-Tris-(dimethylaminomethyl)-phenol PROSYNTH® <i>2-4-6-Tris-(diméthylaminométhyl)-phénol / 2,4,6-Tris-(dimetilaminometil)-fenol</i> HOC ₆ H ₂ [CH ₂ N(CH ₃) ₂] ₃ C ₁₅ H ₂₇ N ₃ O M = 265,40 g/mol 1 L ≈ 0,97 kg assay (ex N) 95 % refractive index (n _D ²⁰) 1,517	FL. 2923	500 ml	57,50	48,90	46,—	44,30
Tris-(2-hydroxyethyl)amine see Triethanolamine							
33742	Tris-(hydroxymethyl)-aminomethane R. G., buffer substance <i>Tris-(hydroxyméthyl)-aminométhane / Tris-(hidroximetil)-aminometano</i> (HOCH ₂) ₃ CNH ₂ C ₄ H ₁₁ NO ₃ M = 121,14 g/mol assay min. 99,5 % melting range 169—171 °C insoluble in water max. 0,005 % water (according to Karl Fischer) max. 0,5 % sulphated ash max. 0,05 % pH (0,1 M) 10,3—10,5 iron (Fe) max. 0,0005 % heavy metals (as Pb) max. 0,0005 % chloride (Cl) max. 0,0005 % sulphate (SO ₄) max. 0,0005 % keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	PF. PF. FTP. 3819	100 g 1 kg 50 kg	17,25 114,50 55,—	14,65 97,35 —	13,80 91,60	12,95 88,15
33744	Tris-(hydroxymethyl)-aminomethane hydrochloride R.G. <i>Tris-(hydroxyméthyl)-aminométhane chlorhydrate / Tris-(hidroximetil)-aminometano clorhidrato</i> NH ₂ C(CH ₂ OH) ₃ · HCl C ₄ H ₁₂ ClNO ₃ M = 157,60 g/mol assay (ex HCl) min. 99,8 % melting range 149—151 °C	WG. 2923	100 g	22,—	18,70	17,60	16,50
63801	Tris-(hydroxymethyl)-nitromethane PROSYNTH® <i>Tris-(hydroxyméthyl)-nitrométhane / Tris-(hidroximetil)-nitrometano</i> (CH ₂ OH) ₃ CNO ₂ C ₄ H ₉ NO ₅ M = 151,12 g/mol assay (ex N) 98 % melting range 166—168 °C <div><div>✕</div><div>R: 20/21/22 S: 28 disposal: 7</div></div>	PF. 2904	250 g	28,—	23,80	22,40	21,—

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
60353	Tris-(hydroxymethyl)-phosphine PROSYNTH® <i>Tris-(hydroxyméthyl)-phosphine / Tris-(hidroximetil)-fosfina</i> (HOCH ₂) ₃ P C ₃ H ₉ O ₃ P <i>M</i> = 124,08 g/mol assay 95% (HOCH ₂) ₃ P(O) 5%	FL. 2934	100 g	51,—	43,35	40,80	38,25
60354	Tris-(hydroxymethyl)-phosphin oxide PROSYNTH® <i>Tris-(hydroxyméthyl)-phosphinoxyde / Tris-(hidroximetil)-fosfinóxido</i> (HOCH ₂) ₃ PO C ₃ H ₉ O ₄ P <i>M</i> = 140,08 g/mol assay 99% melting range 54—56 °C	PF. 2934	100 g	42,75	36,35	34,20	32,05
63155	1,1,1-Tris-(hydroxymethyl)-propane PROSYNTH® <i>1-1-1-Tris-(hydroxyméthyl)-propane / 1,1,1-Tris-(hidroximetil)-propano</i> CH ₃ CH ₂ C(CH ₂ OH) ₃ C ₆ H ₁₄ O ₃ <i>M</i> = 134,17 g/mol assay (GC) 97% melting range 56—58 °C	PF. 2904	1 kg	30,75	26,15	24,60	23,70
Tris-(2-hydroxypropyl)amine see Tri-iso-propanolamine							
Trisodium citrate see tri-Sodium citrate							
Trisodium phosphate see tri-Sodium phosphate							
Tris-[pentanedionato-(2,4)]-aluminium see Aluminium acetylacetonate							
Tris-[pentanedionato-(2,4)]-chromium(III) see Chromium(III) acetylacetonate							
Tris-[pentanedionato-(2,4)]-cobalt(III) see Cobalt(III) acetylacetonate							
Tris-[pentanedionato-(2,4)]-indium(III) see Indium(III) acetylacetonate							
Tris-[pentanedionato-(2,4)]-iron(III) see Iron(III) acetylacetonate							
Tris-[pentanedionato-(2,4)]-manganese(III) see Manganese(III) acetylacetonate							
33757	2,4,6-Tris-(2'-pyridyl)-s-triazine (TPTZ) R. G. <i>2-4-6-Tris-(2'-pyridil)-s-triazine (TPTZ) / 2,4,6-Tris-(2'-piridil)-s-triazina (TPTZ)</i> C ₁₈ H ₁₂ N ₆ <i>M</i> = 312,33 g/mol	FL. 2935	1 g	13,75	11,70	11,—	10,30
64929	Tris-(triphenylphosphine)rhodium(I) chloride PROSYNTH® <i>Tris-(triphénylphosphine)rhodium(I) chlorure / Tris-(trifenilfosfina)rodio(I) cloruro</i> [(C ₆ H ₅) ₃ P] ₃ RhCl C ₅₄ H ₄₅ ClP ₃ Rh <i>M</i> = 925,23 g/mol assay (ex Cl) 98% melting range 245—250 °C (disint.)	FL. 2934	1 g	54,—	45,90	43,20	40,50
39675	Triton® X-305 for gas chromatography ® = trade mark of Röhm & Haas Co. (CH ₃) ₃ CCH ₂ C(CH ₃) ₂ C ₆ H ₄ (OCH ₂ CH ₂) _n OH working temperature to 225 °C	WG. 3901	50 g	13,—	11,05	10,40	9,75
56028	Triton® N-101 70% in water for scintillation 1 L ≈ 1,06 kg ® = trade mark of Rohm & Haas Co.	FL. 2924	500 ml	25,75	21,90	20,60	19,85

56029	Triton® X-100 for scintillation C ₃₄ H ₈₂ O ₁₁ M = 646,86 g/mol 1 L ≈ 1,07 kg ® = trade mark of Rohm & Haas Co.	FL. 2924	500 ml	16,—	13,60	12,80	12,30
56030	Triton® X-405 70% in water for scintillation C ₉₄ H ₁₈₂ O ₄₁ M = 1968,45 g/mol 1 L ≈ 1,10 kg ® = trade mark of Rohm & Haas Co.	FL. 2924	500 ml	21,50	18,30	17,20	16,55
39641 A 6.1/83 C 9 1615 3	Trixylenyl-(2,4)-phosphate for gas chromatography <i>Trixylényle-(2-4)-phosphate / Trixilenilo-(2,4)-fosfato</i> [(CH ₃) ₂ C ₆ H ₃ O ⁺) ₃ PO C ₂₄ H ₂₇ O ₄ P M = 410,45 g/mol 1 L 'w 1,14 kg working temperature to 150 °C	WG. 2919	50 g	126,—	107,10	100,80	94,50
32663	Tropaeolin 0 indicator (C. I. No. 14270, S. No. 186) <i>Tropéoline 0 / Tropeolina 0</i> (HO) ₂ C ₆ H ₃ N = NC ₆ H ₄ SO ₃ Na C ₁₂ H ₉ N ₂ NaO ₅ S M = 316,27 g/mol	WG. WG. 3205	25 g 100 g	11,75 36,75	10,— 31,25	9,40 29,40	8,80 27,55
33900	Tropaeolin 00 <i>Tropéoline 00 / Tropeolina 00</i> C ₆ H ₅ NHC ₆ H ₄ N = NC ₆ H ₄ SO ₃ Na C ₁₈ H ₁₄ N ₃ NaO ₃ S M = 375,38 g/mol	WG. 3205	5 g	8,75	7,45	7,—	6,55
33912	Tropaeolin 000 No. 1 indicator (orange I) (C. I. No. 14600, S. No. 185) <i>Tropéoline 000 No. 1 / Tropeolina 000 No. 1</i> NaO ₃ SC ₆ H ₄ N = NC ₁₀ H ₆ OH C ₁₆ H ₁₁ N ₂ NaO ₄ S M = 350,33 g/mol	WG. 3205	5 g	14,75	12,55	11,80	11,05
33913	Tropaeolin 000 No. 2 for microscopy (orange II) (C. I. No. 15510, S. No. 189) <i>Tropéoline 000 No. 2 / Tropeolina 000 No. 2</i> NaO ₃ SC ₆ H ₄ N = NC ₁₀ H ₆ OH C ₁₆ H ₁₁ N ₂ NaO ₄ S M = 350,33 g/mol	WG. 3205	100 g	19,50	16,60	15,60	14,65
	Tropaeolin D see Methyl orange						
63156	DL-Tropic acid PROSYNTH® <i>Acide DL-tropique / Acido DL-trópico</i> HOCH ₂ CH(C ₆ H ₅)COOH C ₉ H ₁₀ O ₃ M = 166,18 g/mol assay (alkalimetric) 99% melting range 117—119 °C	WG. 2916	10 g	12,75	10,85	10,20	9,55
63157	trans-Tropine PROSYNTH® <i>trans-Tropine / trans-Tropina</i> C ₈ H ₁₅ NO M = 141,21 g/mol assay 98% melting range 61—63 °C	WG. 2942	10 g	24,—	20,40	19,20	18,—
39039	D(+)-Tryptophan BIOSYNTH® <i>D(+)-Tryptophane / D(+)-Triptófano</i> C ₆ H ₄ NHCH = CCH ₂ CH(NH ₂)COOH C ₁₁ H ₁₂ N ₂ O ₂ M = 204,23 g/mol assay (ex N) 99% specific rotation ([α] _D ²⁰ ; c = 1 in H ₂ O) +31° ± 2°	WG. 2935	5 g	34,—	28,90	27,20	25,50
39038	DL-Tryptophan BIOSYNTH® <i>DL-Tryptophane / DL-Triptófano</i> C ₆ H ₄ NHCH = CCH ₂ CH(NH ₂)COOH C ₁₁ H ₁₂ N ₂ O ₂ M = 204,23 g/mol assay (ex N) 99%	WG. 2935	10 g	11,25	9,55	9,—	8,45




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			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
39037	L(-)-Tryptophan BIOSYNTH® L(-)-Tryptophane / L(-)-Tryptófano $C_6H_4NHCH=CCH_2CH(NH_2)COOH$ $C_{11}H_{12}N_2O_2$ M = 204,23 g/mol assay (ex N) 99% specific rotation $([\alpha]_D^{20}; c=1 \text{ in } H_2O)$ $-31^\circ \pm 1,5^\circ$	WG. 2935	10 g	15,50	13,20	12,40	11,6
39454	L-Tryptophan methyl ester hydrochloride BIOSYNTH® Méthyle L-tryptophanate chlorhydrate / Metilo L-triptofanato clorhidrato $C_6H_4NHCH=CCH_2CH(NH_2)COOCH_3 \cdot HCl$ $C_{12}H_{15}ClN_2O_2$ M = 254,72 g/mol TTC see 2,3,5-Triphenyltetrazolium chloride	WG. 2935	5 g	35,50	30,20	28,40	26,6
32959	Türk's solution for leucocyte counting Solution de Türk / Solución de Türk 1 L ≈ 1,00 kg	PF. 3005	100 ml	8,25	7,—	6,60	6,—
14308	Tungsten chem. pure powder Tungstène / Tungsteno W / M = 183,85 g/mol assay (w) 99,5% molybdenum (Mo) 0,05%	WG. WG. 8101	50 g 250 g	23,— 95,—	19,55 80,75	18,40 76,—	17,— 71,—
38620	0,100 g Tungsten FIXANAL® water-soluble standard of atom absorption 0,100 g Tungstène / 0,100 g Tungsteno ampoule	3819	1 pack	10,25	8,70	8,20	7,—
38581	1,00 g Tungsten FIXANAL® watersoluble standard for atom absorption 1,00 g Tungstène / 1,00 g Tungsteno ampoule	3819	1 pack	10,25	8,70	8,20	7,—
10460 A 8/12 C 8 1759 2	Tungsten(VI) chloride Tungstène(VI) chlorure / Tungsteno(VI) cloruro WCl_6 M = 396,57 g/mol	WG. 2830	100 g	123,50	105,—	98,80	92,—
63179	Tungstenhexacarbonyl PROSYNTH® Tungstène hexacarbonyle / Tungsteno hexacarbonilo $W(CO)_6$ M = 351,91 g/mol assay (ex W) 98% melting range 168—170 °C	WG. 2934	10 g	price on request			
14310	Tungsten(VI) oxide (tungstic anhydride) chem. pure Tungstène(VI) oxyde / Tungsteno(VI) óxido WO_3 M = 231,85 g/mol assay (WO_3) 99,5% loss on ignition 0,1% iron (Fe) 0,01% molybdenum (Mo) 0,01%	PF. 2828	250 g	74,50	63,35	59,60	55,—
14312	Tungstic acid pure Acide tungstique / Acido túngstico H_2WO_4 M = 249,86 g/mol assay (WO_3) 92,0—92,5% insoluble in ammonia solution 0,05%	PF. PF. 2828	100 g 1 kg	21,50 162,—	18,30 137,70	17,20 129,60	16,— 124,—
31648	Tungstophosphoric acid R. G. Acide phosphotungstique / Acido fosfotúngstico $H_3[P(W_3O_{10})_4] \cdot xH_2O$ M = (anhydrous) 2880,17 g/mol insoluble in water max. 0,01% loss on ignition max. 6—9% ammonium (NH_4) max. 0,002% lead (Pb) max. 0,005% iron (Fe) max. 0,005% chloride (Cl) max. 0,01% sulphate (SO_4) max. 0,02%	WG. WG. 2813	25 g 100 g	16,— 41,50	13,60 35,30	12,80 33,20	12,— 31,—




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04117	Tungstophosphoric acid chem. pure cryst. <i>Acide phosphotungstique / Acido fosfotúngstico</i> $H_3[P(W_3O_{10})_4] \cdot xH_2O$ $M = (\text{anhydrous}) 2880,17 \text{ g/mol}$ loss on ignition 6–9% ammonium (NH ₄) 0,005% heavy metals and iron (as Fe) 0,005% chloride (Cl) 0,01%	PF. PF. 2813	100 g 500 g	30,— 125,50	25,50 106,70	24,— 100,40	22,50 96,65
31647	Tungstosilicic acid R. G. <i>Acide silicotungstique / Acido silicotúngstico</i> $H_4[Si(W_3O_{10})_4] \cdot xH_2O$ $M = (\text{anhydrous}) 2878,29 \text{ g/mol}$ loss on ignition (800 °C) max. 16% iron (Fe) max. 0,001% potassium (K) max. 0,02% sodium (Na) max. 0,02% heavy metals (as Pb) max. 0,002% chloride (Cl) max. 0,002% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,002%	WG. PF. 2813	25 g 100 g	26,75 83,50	22,75 71,—	21,40 66,80	20,05 62,65
16316	Turkey-red oil 100% <i>Sodium sulforicinate / Aceite rojo-turco</i> 1 L ≈ 1,04 kg Turpentine oil see Oil of turpentine	FL. FL. FPD. 3402	1 L 2,5 L 30 kg	30,— 64,50 price on request	25,50 53,55	24,— 50,30	23,10 48,40
63158	Tween® 20 PROSYNTH® <i>Tween® / Tween®</i> ® = trade mark of Atlas Chemie 1 L ≈ 1,10 kg	FL. 3901	1 L	40,75	34,65	32,60	31,40
63159	Tween® 40 PROSYNTH® 1 L ≈ 1,10 kg hydroxyl number 90–105	FL. 3901	1 L	40,75	34,65	32,60	31,40
63160	Tween® 60 PROSYNTH® 1 L ≈ 1,10 kg hydroxyl number 81–96	FL. 3919	1 L	40,75	34,65	32,60	31,40
63161	Tween® 80 PROSYNTH® 1 L ≈ 1,08 kg hydroxyl number 65–80	FL. 3901	1 L	40,75	34,65	32,60	31,40
63162	Tween® 85 PROSYNTH® 1 L ≈ 1,10 kg hydroxyl number 39–52	FL. 3901	1 L	58,50	49,75	46,80	45,05
39040	D(+)-Tyrosine BIOSYNTH® <i>D(+)-Tyrosine / D(+)-Tirosina</i> $HOC_6H_4CH_2CH(NH_2)COOH$ $C_9H_{11}NO_3$ $M = 181,19 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=4 in HCl 1 mol/l) +10,5° ± 1°	FL. 2923	1 g	20,75	17,65	16,60	15,55
39193	DL-Tyrosine BIOSYNTH® <i>DL-Tyrosine / DL-Tirosina</i> $HOC_6H_4CH_2CH(NH_2)COOH$ $C_9H_{11}NO_3$ $M = 181,19 \text{ g/mol}$ assay (ex N) 99%	PF. 2923	25 g	48,—	40,80	38,40	36,—
39041	L(-)-Tyrosine BIOSYNTH® <i>L(-)-Tyrosine / L(-)-Tirosina</i> $HOC_6H_4CH_2CH(NH_2)COOH$ $C_9H_{11}NO_3$ $M = 181,19 \text{ g/mol}$ assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=3,5 in HCl 1 mol/l) -11° ± 1°	PF. 2923	100 g	28,50	24,25	22,80	21,40


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39676	Ucone 50 HB-280-X for gas chromatography working temperature to 200 °C	WG. 3901	50 g	52,—	44,20	41,60	39,—
39677	Ucone 50 HB-2000 for gas chromatography working temperature to 200 °C	WG. 3901	50 g	52,—	44,20	41,60	39,—
39678	Ucone 50 HB-5100 for gas chromatography working temperature to 200 °C	WG. 3901	50 g	52,—	44,20	41,60	39,—
39679	Ucone LB-550-X for gas chromatography working temperature to 200 °C	FL. 3901	50 g	52,—	44,20	41,60	39,—
39680	Ucone LB-1715 for gas chromatography working temperature to 200 °C	FL. 3901	50 g	52,—	44,20	41,60	39,—
63802 A 3/4 C 3.3 2330 3 +61 °C	Undecane PROSYNTH® <i>Undécane / Undecano</i> <chem>CH3(CH2)9CH3</chem> <chem>C11H24</chem> $M = 156,31$ g/mol 1 L \approx 0,74 kg assay (GC) 99% boiling range 194—196 °C refractive index (n_D^{20}) 1,417	FL. 2901	100 ml	39,25	33,35	31,40	29,45
32256 A 3/4 C 3.3 2330 3 +61 °C	<i>n</i> -Undecane min. 99,9% for gas chromatography <i>n</i> -Undécane / <i>n</i> -Undecano <chem>CH3(CH2)9CH3</chem> <chem>C11H24</chem> $M = 156,31$ g/mol 1 L \approx 0,74 kg	FL. 2901	5 ml	49,25	41,85	39,40	36,95
	Undecanenitrile see Undecanoic acid nitrile						
39455	Undecanoic acid BIOSYNTH® <i>Acide undécanoïque / Acido undecanóico</i> <chem>CH3(CH2)9COOH</chem> <chem>C11H22O2</chem> $M = 186,29$ g/mol	WG. 2914	100 g	83,—	70,55	66,40	62,25
63803	Undecanoic acid PROSYNTH <i>Acide undécanoïque / Acido undecanóico</i> <chem>CH3(CH2)9COOH</chem> <chem>C11H22O2</chem> $M = 186,29$ g/mol assay (GC) 98% melting range 27—29 °C	FL. 2914	250 ml	40,50	34,45	32,40	30,45
63350 A 6.1/21 C 6.1 1935 1	Undecanoic acid nitrile PROSYNTH® <i>Acide undécanoïque nitrile / Acido undecanóico nitrilo</i> <chem>CH3(CH2)9CN</chem> <chem>C11H21N</chem> $M = 167,29$ g/mol 1 L \approx 0,82 kg assay (GC) 97%	FL. 2927	50 ml	37,25	31,65	29,80	27,95
63164	1-Undecanol PROSYNTH® <i>Undécanol-1 / 1-Undecanol</i> <chem>CH3(CH2)10OH</chem> <chem>C11H24O</chem> $M = 172,31$ g/mol 1 L \approx 0,83 kg assay (GC) 98% boiling range (at 20 mbar) 129—131 °C refractive index (n_D^{20}) 1,440	FL. 2904	100 ml	23,50	20,—	18,80	17,65
65131 A 3/4 +65 °C	3-Undecanol PROSYNTH® <i>Undécanol-3 / 3-Undecanol</i> <chem>CH3(CH2)7CHOHCH2CH3</chem> <chem>C11H24O</chem> $M = 172,31$ g/mol 1 L \approx 0,83 kg assay (GC) 97% boiling range 229—231 °C refractive index (n_D^{20}) 1,438	FL. 2904	10 ml	19,75	16,80	15,80	14,85


65132	6-Undecanol PROSYNTH® A 3/4 C 3.3 1987 2 +60 °C	[CH ₃ (CH ₂) ₄] ₂ CHOH C ₁₁ H ₂₄ O M = 172,31 g/mol assay (GC) 97% boiling range 226–228 °C refractive index (n _D ²⁰) 1,437	1 L ≈ 0,83 kg	FL. 2904	25 ml	24,25	20,60	19,40	18,20
30829	2-Undecanone min. 99,9% for gas chromatography A 3/4 C 3.3 1224 2 +59 °C	CH ₃ (CH ₂) ₈ COCH ₃ C ₁₁ H ₂₂ O M = 170,29 g/mol	1 L ≈ 0,83 kg	FL. 2913	5 ml	49,25	41,85	39,40	36,95
63165	2-Undecanone PROSYNTH® A 3/4 +89 °C	CH ₃ (CH ₂) ₈ COCH ₃ C ₁₁ H ₂₂ O M = 170,29 g/mol Brechungsindex (n _D ²⁰) 1,429 assay (GC) 98% boiling range 231–233 °C refractive index (n _D ²⁰) 1,429	1 L ≈ 0,83 kg	FL. 2913	250 ml	48,—	40,80	38,40	36,—
63501	4-Undecanone PROSYNTH® A 3/4 +92 °C	CH ₃ (CH ₂) ₆ COCH ₂ CH ₂ CH ₃ C ₁₁ H ₂₂ O M = 170,29 g/mol assay (GC) 97% boiling range (at 17 mbar) 104–107 °C refractive index (n _D ²⁰) 1,428	1 L ≈ 0,82 kg	FL. 2913	5 ml	11,—	9,35	8,80	8,25
63286	5-Undecanone PROSYNTH® A 3/4 +88 °C	CH ₃ (CH ₂) ₃ CO(CH ₂) ₅ CH ₃ C ₁₁ H ₂₂ O M = 170,29 g/mol assay (GC) 95% boiling range 103–105 °C refractive index (n _D ²⁰) 1,428	1 L ≈ 0,82 kg	FL. 2913	50 ml	40,75	34,65	32,60	30,55
63366	6-Undecanone PROSYNTH® Undécanone-6 / 6-Undecanona	CH ₃ (CH ₂) ₄ CO(CH ₂) ₄ CH ₃ C ₁₁ H ₂₂ O M = 170,29 g/mol assay (GC) 98% boiling range (at 17 mbar) 105–108 °C refractive index (n _D ²⁰) 1,428	1 L ≈ 0,82 kg	FL. 2913	50 ml	20,25	17,20	16,20	15,20
64933	1-Undecene PROSYNTH® A 3/4 +63 °C	CH ₂ =CH(CH ₂) ₈ CH ₃ C ₁₁ H ₂₂ M = 154,29 g/mol assay (GC) 95% boiling range 192–195 °C refractive index (n _D ²⁰) 1,427	1 L ≈ 0,75 kg	FL. 2901	50 ml	40,—	34,—	32,—	30,—
63166	10-Undecene-(1)-ol PROSYNTH® A 3/4 +25 °C	CH ₂ =CH(CH ₂) ₉ OH C ₁₁ H ₂₂ O M = 170,29 g/mol assay (GC) 99% boiling range (at 20 mbar) 131–133 °C refractive index (n _D ²⁰) 1,450	1 L ≈ 0,84 kg	FL. 2904	100 ml	53,—	45,05	42,40	39,75
65133	10-Undecenoyl chloride PROSYNTH® A 8/22 C 8 1760 2	CH ₂ =CH(CH ₂) ₈ COCl C ₁₁ H ₁₉ ClO M = 202,72 g/mol	1 L ≈ 0,95 kg	FL. 2914	100 ml	34,—	28,90	27,20	25,50

R: 34 S: 26
disposal: 21

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27817	Undecylenic acid <i>Acide undécylénique / Acido undecilénico</i> $\text{CH}_2=\text{CH}(\text{CH}_2)_9\text{COOH}$ $\text{C}_{11}\text{H}_{20}\text{O}_2$ $M=184,28 \text{ g/mol}$ $1 \text{ L} \approx 0,91 \text{ kg}$ assay 97,5% congealing point 22 °C density (D_{25}^{25}) 0,910–0,913 refractive index (n_D^{25}) 1,4470–1,4480 sulphated ash 0,1% water-soluble acid passes test iodine number 135–140	FL. 2914	500 ml	30,75	26,15	24,60	23,70
36803	Universal indicator "Riedel-de Haën" with colour chart and directions for use pH range 3,0–10,0 <i>Indicateur universel / Indicador universal</i> plastic drop-bottle of 100 ml $1 \text{ L} \approx 0,86 \text{ kg}$	3819	1 pack	10,75	9,15	8,60	8,05
A 3/5 C 3.2 1142 2 +19 °C	 <div>R: 11 S: 7-16 disposal: 6</div>						
36806	Universal indicator "Riedel-de Haën" with colour chart and directions for use pH range 3,0–10,0 <i>Indicateur universel / Indicador universal</i> plastic bottle of 1 L $1 \text{ L} \approx 0,86 \text{ kg}$	3819	1 pack	36,—	30,60	28,80	27,—
A 3/5 C 3.2 1142 2 +19 °C	 <div>R: 11 S: 7-16 disposal: 6</div>						
Universal indicator paper see Indicator and reagent papers							
Unna's solution see Methylene blue solution polychrome acc. to Unna							
39203	Uracil BIOSYNTH® <i>Uracile / Uracilo</i> $\text{NHCONHCOCH}=\text{CH}$ $\text{C}_4\text{H}_4\text{N}_2\text{O}_2$ $M=112,09 \text{ g/mol}$ assay (ex N) 99%	WG. 2935	25 g	29,—	24,65	23,20	21,75
Uranin see Fluorescein sodium							
Uranium(VI) dioxide diacetate see Uranyl acetate							
Uranium(VI) dioxide dinitrate see Uranyl nitrate							
31697	Uranyl acetate dihydrate R.G. <i>Uranium acétate dihydrate / Uranilo acetato dihidrato</i> plastic bottle of 10 g $(\text{CH}_3\text{COO})_2\text{UO}_2 \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_6\text{U} \cdot 2\text{H}_2\text{O}$ $M=424,15 \text{ g/mol}$ assay min. 99% insoluble in water max. 0,005% ammonium (NH_4) max. 0,001% lead (Pb) max. 0,001% calcium (Ca) max. 0,004% iron (Fe) max. 0,001% potassium (K) max. 0,001% copper (Cu) max. 0,001% sodium (Na) max. 0,005% heavy metals (as Pb) max. 0,0005% uranium(IV)-salts [U(IV)] max. 0,03% chloride (Cl) max. 0,003% sulphate (SO_4) max. 0,01%	2852	† 1 pack	7,75	6,60	6,20	5,80
A 7/BL.3 C 7 BL.3	 <div>R: 26/28-33 S: 20/21-45 disposal: 25</div>						

31698	Uranyl acetate dihydrate R. G.	2852	1 pack	9,50	8,10	7,60	7,15
A 7/BL.3	Uranium acétate dihydrate / Uranilo acetato dihidrato						
C 7 BL.3	plastic bottle of 25 g						
	$(\text{CH}_3\text{COO})_2\text{UO}_2 \cdot 2\text{H}_2\text{O}$						
	$\text{C}_4\text{H}_6\text{O}_6\text{U} \cdot 2\text{H}_2\text{O} \quad M = 424,15 \text{ g/mol}$						
	assay min. 99%						
	ammonium (NH_4) max. 0,001 %						
	lead (Pb) max. 0,001 %						
	insoluble in water max. 0,005 %						
	calcium (Ca) max. 0,004 %						
	iron (Fe) max. 0,001 %						
	potassium (K) max. 0,001 %						
	copper (Cu) max. 0,001 %						
	sodium (Na) max. 0,005 %						
	heavy metals (as Pb) max. 0,0005 %						
	uranium(IV) salts [U(IV)] max. 0,03 %						
	chloride (Cl) max. 0,003 %						
	sulphate (SO_4) max. 0,01 %						
	 R: 26/28-33 S: 20/21-45 disposal: 25						
31636	Uranyl acetate dihydrate R. G.	2852	1 pack	43,75	37,20	35,—	32,80
A 7/BL.3	Uranium acétate dihydrate / Uranilo acetato dihidrato						
C 7 BL.3	plastic bottle of 100 g						
	$(\text{CH}_3\text{COO})_2\text{UO}_2 \cdot 2\text{H}_2\text{O}$						
	$\text{C}_4\text{H}_6\text{O}_6\text{U} \cdot 2\text{H}_2\text{O} \quad M = 424,15 \text{ g/mol}$						
	assay min. 99%						
	insoluble in water max. 0,005 %						
	ammonium (NH_4) max. 0,001 %						
	lead (Pb) max. 0,001 %						
	calcium (Ca) max. 0,004 %						
	iron (Fe) max. 0,001 %						
	potassium (K) max. 0,001 %						
	copper (Cu) max. 0,001 %						
	sodium (Na) max. 0,005 %						
	heavy metals (as Pb) max. 0,0005 %						
	uranium(IV) salts [U(IV)] max. 0,03 %						
	chloride (Cl) max. 0,0075 %						
	sulphate (SO_4) max. 0,01 %						
	 R: 26/28-33 S: 20/21-45 disposal: 25						
31696	Uranyl nitrate-6-hydrate R. G., Reag. ACS	2852	1 pack	11,—	9,35	8,80	8,25
A 7/BL.3	Uranium nitrate-6-hydrate / Uranilo nitrato-6-hidrato						
C 7 BL.3	plastic bottle of 25 g						
	$\text{UO}_2(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O} \quad M = 502,13 \text{ g/mol}$						
	assay min. 99%						
	lead (Pb) max. 0,001 %						
	calcium (Ca) max. 0,004 %						
	iron (Fe) max. 0,001 %						
	potassium (K) max. 0,005 %						
	copper (Cu) max. 0,001 %						
	sodium (Na) max. 0,005 %						
	uranium(IV) salts [U(IV)] max. 0,06 %						
	chloride (Cl) max. 0,002 %						
	sulphate (SO_4) max. 0,005 %						
	 R: 26/28-33 S: 20/21-45 disposal: 25						




31638	Uranyl nitrate-6-hydrate R. G.	2852	1 pack	35,50	30,20	28,40	26,65
A 7/BL.3	Uranium nitrate-6-hydrate / Uranilo nitrato-6-hidrato						
C 7 BL.3	plastic bottle of 100 g						
	UO ₂ (NO ₃) ₂ · 6H ₂ O M = 502,13 g/mol						
	assay min. 99%						
	lead (Pb) max. 0,001%						
	insoluble in water max. 0,005%						
	calcium (Ca) max. 0,004%						
	iron (Fe) max. 0,001%						
	potassium (K) max. 0,005%						
	copper (Cu) max. 0,001%						
	sodium (Na) max. 0,005%						
	heavy metals (as Pb) max. 0,0005%						
	uranium(IV) salts [U(IV)] max. 0,06%						
	chloride (Cl) max. 0,005%						
	sulphate (SO ₄) max. 0,005%						
	 R: 26/28-33 S: 20/21-45 disposal: 25						
33247	Urea R. G., Reag. ACS	PF.	1 kg	23,—	19,55	18,40	17,70
	Urée / Urea	PF.	5 kg	95,50	79,25	74,50	71,65
	CO(NH ₂) ₂	3102					
	CH ₄ N ₂ O M = 60,06 g/mol						
	assay min. 99,5%						
	melting range 132—133 °C						
	insoluble in water max. 0,01%						
	sulphated ash max. 0,01%						
	iron (Fe) max. 0,0002%						
	heavy metals (as Pb) max. 0,0005%						
	chloride (Cl) max. 0,0005%						
	sulphate (SO ₄) max. 0,001%						
15603	Urea chem. pure	PF.	1 kg	12,—	10,20	9,60	9,25
	Urée / Urea	PF.	2,5 kg	24,25	20,15	18,90	18,20
	CO(NH ₂) ₂	S.	50 kg	kg	2,90		
	CH ₄ N ₂ O M = 60,06 g/mol	S.	5x	kg	2,60		
	assay 99,5%	S.	10x	kg	2,45		
	melting range 132—133 °C	3102					
	insoluble in ethanol 0,02%						
	sulphated ash 0,05%						
	iron (Fe) 0,0005%						
	heavy metals (as Pb) 0,001%						
	chloride (Cl) 0,0005%						
	sulphate (SO ₄) 0,005%						
	biuret 0,1%						
15604	Urea pure Erg. B. 6, B. P. 1973, U. S. P. XIX, Ph. Nord. 1963	PF.	1 kg	10,25	8,70	8,20	7,90
	Urée / Urea	PF.	2,5 kg	21,—	17,45	16,40	15,70
	CO(NH ₂) ₂	S.	50 kg	kg	2,45		
	CH ₄ N ₂ O M = 60,06 g/mol	S.	5x	kg	2,25		
	assay 99,5%	S.	10x	kg	2,10		
	melting range 132—133 °C	FTP.	50 kg	kg	2,75		
	sulphated ash 0,05%	FTP.	5x	kg	2,55		
	iron (Fe) 0,001%	FTP.	10x	kg	2,45		
	heavy metals (as Pb) 0,001%	3102					
	chloride (Cl) 0,001%						
	sulphate (SO ₄) 0,005%						
15606	Urea nitrate	PF.	1 kg	13,75	11,70	11,—	10,60
C 1.1 0220	Urée nitrato / Urea nitrato	S.	50 kg	price on request			
	CO(NH ₂) ₂ · HNO ₃	2925					
	CH ₅ N ₃ O ₄ M = 123,07 g/mol						
	assay 95%						
	loss on drying (24 h on sulphuric acid) 5%						



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
20831	Urethane DAB 6, B. P. 1973 App. I A, N. F. XIII <i>Uréthane / Uretano</i> $\text{H}_2\text{NCOOC}_2\text{H}_5$ $\text{C}_3\text{H}_7\text{NO}_2$ $M = 89,09$ g/mol assay 99% melting range $48-50^\circ\text{C}$ sulphated ash 0,05% water (according to Karl Fischer) 0,5% heavy metals (as Pb) 0,0005% chloride (Cl) 0,0005%  <div> R: 23/24/25-39 S: 2-13 disposal: 7 </div> Urethylan see Methyl carbamate	WG. WG. WG. FTP. 2925	250 g 500 g 1 kg 50 kg price on request	10,75	9,15	8,60	8,05
39110	Uric acid BIOSYNTH® <i>Acide urique / Acido úrico</i> $\text{C}_5\text{H}_4\text{N}_4\text{O}_3$ $M = 168,11$ g/mol	PF. 2935	50 g	48,—	40,80	38,40	36,—
39232	Uridine BIOSYNTH® <i>Uridine / Uridina</i> $\text{CH}=\text{CHC}(\text{OH})=\text{NCONCHCHOHCHOHCH}(\text{CH}_2\text{OH})\text{O}$ $\text{C}_9\text{H}_{12}\text{N}_2\text{O}_6$ $M = 244,20$ g/mol assay (ex N) 99% melting range $165-168^\circ\text{C}$ keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2935	5 g	14,50	12,35	11,60	10,90
39457	Uridine-5'-monophosphoric acid disodium salt BIOSYNTH® <i>Acide uridinemonophosphorique-5', sel disodique / Acido uridin-5'-monofosfórico, sal disódica</i> $\text{C}_9\text{H}_{11}\text{N}_2\text{Na}_2\text{O}_9\text{P}$ $M = 368,15$ g/mol keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	WG. 2919	5 g	35,—	29,75	28,—	26,25
39458	Uridine-5'-triphosphoric acid trisodium salt BIOSYNTH® <i>Acide uridinetriphosphorique-5', sel trisodique / Acido uridin-5'-trifosfórico, sal trisódica</i> $\text{C}_9\text{H}_{12}\text{N}_2\text{Na}_3\text{O}_{15}\text{P}_3 \cdot 2\text{H}_2\text{O}$ $M = 586,12$ g/mol	FL. 2935	1 g	59,50	50,60	47,60	44,65
15921	Urotropin® see Hexamethylenetetramine UV Absorber DHB "Riedel" <i>Absorbant DHB de rayons UV "Riedel" / Absorbedor de rayos ultravioletas DHB "Riedel"</i>	WG. FTP. 2935	1 kg 50 kg price on request	99,50	84,60	79,60	76,60
15659	UV Absorber HMB "Riedel" <i>Absorbant HMB de rayons UV "Riedel" / Absorbedor de rayos ultravioletas HMB "Riedel"</i> $\text{HOC}_6\text{H}_3(\text{OCH}_3)(\text{COC}_6\text{H}_5)$ $\text{C}_{14}\text{H}_{12}\text{O}_3$ $M = 228,25$ g/mol melting range $63-64^\circ\text{C}$ sulphated ash 0,1%	WG. BL. FTP. 2913	1 kg 2,5 kg 50 kg price on request	99,50	84,60	79,60	76,60
15936	UV Absorber HMBS "Riedel" <i>Absorbant HMBS de rayons UV "Riedel" / Absorbedor de rayos ultravioletas HMBS "Riedel"</i> solubility min. 20 g/100 ml water	PF. 2913	1 kg price on request				

Code-Number
A) RID/ADR
B) GGVE/GGVS
C) IMDG-CODE (GGVSee)

Type of package
B.T.N.

Price per 1x 6x 24x 96x
package DM (1 Box) (4 Boxes) (16 Boxes)

60442	iso-Valeraldehyde PROSYNTH®	FL.	500 ml	44,25	37,60	35,40	34,05
A 3/1A	<i>Aldéhyde iso-valérique / Aldehido iso-valérico</i>	2911					
C 3.2 1993 2	CH ₃ CH(CH ₃)CH ₂ CHO						
-5°C	C ₅ H ₁₀ O M = 86,13 g/mol 1 L ≈ 0,80 kg						
	assay (GC) 98%						
	boiling range 91–93 °C						
	refractive index (n _D ²⁰) 1,388						
	 R: 11 S: 9-29-33 disposal: 14						
60441	n-Valeraldehyde PROSYNTH®	FL.	500 ml	23,—	19,55	18,40	17,70
A 3/1A	<i>Aldéhyde n-valérique / Aldehido n-valérico</i>	2911					
C 3.2 2058 2	CH ₃ (CH ₂) ₃ CHO						
+4°C	C ₅ H ₁₀ O M = 86,13 g/mol 1 L ≈ 0,81 kg						
	assay (GC) 98%						
	boiling range 101–103 °C						
	refractive index (n _D ²⁰) 1,394						
	 R: 11 S: 9-29-33 disposal: 14						
27818	Valeric acid	FL.	1 L	31,25	26,55	25,—	24,0
A 3/4	<i>Acide valérique / Acido valérico</i>	2914					
+70°C	CH ₃ (CH ₂) ₃ COOH						
	C ₅ H ₁₀ O ₂ M = 102,13 g/mol 1 L ≈ 0,94 kg						
	assay (GC) 99%						
	boiling range 185–187 °C						
	refractive index (n _D ²⁰) 1,4080–1,4090						
	water (according to Karl Fischer) 0,1%						
60456	iso-Valeric acid PROSYNTH®	FL.	500 ml	28,25	24,—	22,60	21,7
A 3/4	<i>Acide iso-valérique / Acido iso-valérico</i>	2914					
+92°C	CH ₃ CH(CH ₃)CH ₂ COOH						
	C ₅ H ₁₀ O ₂ M = 102,13 g/mol 1 L ≈ 0,93 kg						
	assay (GC) 98%						
	boiling range 175–177 °C						
	refractive index (n _D ²⁰) 1,403						
64937	Valeric anhydride PROSYNTH®	FL.	100 ml	24,—	20,40	19,20	18,—
A 8/21	<i>Anhydride valérique / Anhidrido valérico</i>	2914					
C 8 1760 2	[CH ₃ (CH ₂) ₃ CO] ₂ O						
+99°C	C ₁₀ H ₁₈ O ₃ M = 186,25 g/mol 1 L ≈ 0,94 kg						
	assay 98%						
	boiling range (at 21 mbar) 110–112 °C						
	refractive index (n _D ²⁰) 1,421						
63169	γ-Valerolactone PROSYNTH®	FL.	100 ml	49,75	42,30	39,80	37,—
A 3/4	<i>γ-Valérolactone / γ-Valerolactona</i>	2935					
+96°C	OCOCH ₂ CH ₂ CHCH ₃						
	C ₅ H ₈ O ₂ M = 100,12 g/mol 1 L ≈ 1,05 kg						
	assay (GC) 98%						
	boiling range (at 13 mbar) 82–85 °C						
	refractive index (n _D ²⁰) 1,433						
64940	Valeronitrile PROSYNTH®	FL.	50 ml	28,50	24,25	22,80	21,—
A 6.1/11	<i>Valéronitrile / Valeronitrilo</i>	2927					
C 6.1 2810 2	CH ₃ (CH ₂) ₃ CN						
+34°C	C ₅ H ₉ N M = 83,13 g/mol 1 L ≈ 0,80 kg						
	 R: 10-23/24/25 S: 44 disposal: 15						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
63580	iso-Valeronitrile PROSYNTH® A 6.1/21 <i>iso-Valéronitrile / iso-Valeronitrilo</i> C 6.1 2810 2 <chem>(CH3)2CHCH2CN</chem> <chem>C5H9N</chem> $M = 83,13$ g/mol 1 L ≈ 0,80 kg assay (GC) 97% boiling range 127–129 °C refractive index (n_D^{20}) 1,393  R: 23/24/25 S: 44 disposal: 15	FL. 2927	25 ml	26,25	22,30	21,—	19,70
63171	Valerophenone PROSYNTH® 109 °C <i>Valérophénone / Valerofenona</i> <chem>C6H5CO(CH2)3CH3</chem> <chem>C11H14O</chem> $M = 162,23$ g/mol 1 L ≈ 0,98 kg assay (GC) 98% boiling range (at 17 mbar) 130–132 °C refractive index (n_D^{20}) 1,515 Valerylbenzene see Valerophenone	FL. 2913	100 ml	76,50	65,05	61,20	57,40
64938	Valeryl chloride PROSYNTH® A 8/22 <i>Valéryle chlorure / Acido valérico cloruro</i> C 8 1760 2 <chem>CH3(CH2)3COCl</chem> <chem>C5H9ClO</chem> $M = 120,58$ g/mol 1 L ≈ 1,00 kg assay (ex Cl) 98% boiling range 125–127 °C refractive index (n_D^{20}) 1,420	FL. 2914	100 ml	30,75	26,15	24,60	23,05
39042	D(-)-Valine BIOSYNTH® <i>D(-)-Valine / D(-)-Valina</i> <chem>(CH3)2CHCH(NH2)COOH</chem> <chem>C5H11NO2</chem> $M = 117,15$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in HCl 6 mol/l) . -27° ± 2°	WG. 2923	10 g	84,—	71,40	67,20	63,—
39044	DL-Valine BIOSYNTH® <i>DL-Valine / DL-Valina</i> <chem>(CH3)2CHCH(NH2)COOH</chem> <chem>C5H11NO2</chem> $M = 117,15$ g/mol assay (ex N) 99%	PF. 2923	100 g	23,50	20,—	18,80	17,65
39043	L(+)-Valine BIOSYNTH® <i>L(+)-Valine / L(+)-Valina</i> <chem>(CH3)2CHCH(NH2)COOH</chem> <chem>C5H11NO2</chem> $M = 117,15$ g/mol assay (ex N) 99% specific rotation ($[\alpha]_D^{20}$; c=2 in HCl 6 mol/l) . +27° ± 2°	WG. 2923	25 g	21,75	18,50	17,40	16,30
39459	L-Valine methyl ester hydrochloride BIOSYNTH® <i>Méthyle L-valinate chlorhydrate / Metilo L-valinato clorhidrato</i> <chem>(CH3)2CHCH(NH2)COOCH3 · HCl</chem> <chem>C6H14ClNO2</chem> $M = 167,64$ g/mol	WG. 2923	5 g	23,25	19,75	18,60	17,45
34226	Vanadate molybdate reagent for the determination of phosphates A 8/1C <i>Réactif au vanadate-molybdate / Reactivo vanadato-molibdato</i> C 8 1830 2 1 L ≈ 1,15 kg  R: 35 S: 2-26-30 disposal: 24 Vanadic acid see Vanadium oxide Vanadic anhydride see Vanadium(V) oxide Vanadio anhydride see Vanadium(V) oxide	PF. 3819	500 ml	15,50	13,20	12,40	11,95

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Type of package
B.T.N.





Price per
package DM

1x
(1 Box)

6x
(1 Box)

24x
(4 Boxes)

96x
(16 Boxes)

10461	Vanadium powder <i>Vanadium / Vanadio</i> V M = 50,94 g/mol assay 99%	WG. 8104	10 g	68,—	57,80	54,40	51,—
38618	0,100 g Vanadium FIXANAL® water-soluble standard for atom absorption A 6.1/74 C 6.1 2810 3 <i>0,100 g Vanadium / 0,100 g Vanadio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
38663	0,100 g organo-Vanadium FIXANAL® petroleum ether-soluble standard for atom absorption A 3/3 C 3.3 1992 2 <i>0,100 g organo-Vanadium / 0,100 g organo-Vanadio</i> +25°C ampoule	3819	1 pack	33,75	28,70	27,—	25,30
38579	1,00 g Vanadium FIXANAL® watersoluble standard for atom absorption A 6.1/74 C 6.1 2810 <i>1,00 g Vanadium / 1,00 g Vanadio</i> ampoule	3819	1 pack	10,25	8,70	8,20	7,70
14204	Vanadium(III) chloride <i>Vanadium(III) chlorure / Vanadio(III) cloruro</i> A 6.1/75 B 6.1 75 C 8 2475 3 VCl ₃ M = 157,30 g/mol  R: 36/37/38 S: 26 disposal: 24	WG. 2830	25 g	29,—	24,65	23,20	21,70
10416	Vanadium(III) fluoride <i>Vanadium(III) fluorure / Vanadio(III) fluoruro</i> A 6.1/74 C 6.1 2811 3 VF ₃ M = 107,94 g/mol assay 95%	WG. 2829	10 g	100,—	85,—	80,—	75,—
17919	Vanadium(V) oxide PURANAL® <i>Vanadium(V) oxyde / Vanadio(V) óxido</i> A 6.1/74 C 6.1 ./. 2 V ₂ O ₅ M = 181,88 g/mol analytical data on request  R: 20 S: 22 disposal: 24	PF. FTP. 2828	5 kg 50 kg	price on request price on request			
14205	Vanadium(V) oxide pure <i>Vanadium(V) oxyde / Vanadio(V) óxido</i> A 6.1/74 C 6.1 ./. 2 V ₂ O ₅ M = 181,88 g/mol assay 99,5% loss on ignition 0,5%  R: 20 S: 22 disposal: 24	PF. PF. PF. BLT. 2828	100 g 500 g 1 kg 100 kg	26,50 109,— 202,— price on request	22,55 92,65 171,70	21,20 87,20 161,60	19,90 83,90 155,50
63172	Vanadium(IV) oxide acetylacetonate PROSYNTH® <i>Vanadium(IV) oxyde acétylacétonate / Vanadio(IV) óxido acetilacetonato</i> A 6.1/74 C 6.1 2811 3 VO(C ₅ H ₇ O ₂) ₂ C ₁₀ H ₁₄ O ₅ V M = 265,16 g/mol assay (ex V) 98%	PF. 2934	25 g	12,75	10,85	10,20	9,50
34627	Vanadium sulphuric acid <i>Vanadium-acide sulfurique / Vanadio-ácido sulfúrico</i> 1 L ≈ 1,05 kg  R: 36/38 S: 2-26 disposal: 24	FL. 3819	250 ml	13,25	11,25	10,60	9,90
10462	Vanadyl(V) chloride <i>Vanadyle(V) chlorure / Vanadilo(V) cloruro</i> A 8/11 C 8 2443 2 VOCl ₃ M = 173,30 g/mol assay 99% 1 L ≈ 1,83 kg	FL. 2830	50 ml	54,—	45,90	43,20	40,50

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
39223	Vanillic acid BIOSYNTH® <i>Acide vanillique / Acido vainílico</i> $\text{CH}_3\text{OC}_6\text{H}_3(\text{OH})\text{COOH}$ $\text{C}_8\text{H}_8\text{O}_4$ $M = 168,15$ g/mol assay (alkalimetric) 98%	PF. 2916	25 g	35,—	29,75	28,—	26,25
70010	Vanillin 100% chem. pure DAB 8, Reag. Ph. Eur. I <i>Vanilline / Vainillina</i> $\text{C}_6\text{H}_3(\text{CHO})(\text{OCH}_3)(\text{OH})[1,3,4]$ $\text{C}_8\text{H}_8\text{O}_3$ $M = 152,15$ g/mol assay 99,5% melting range 81—83 °C loss on drying (4 h on silica gel) 0,05% sulphated ash 0,01%	BL. FTP. 2911	1 kg 50 kg	price on request price on request			
32732	Variamine blue salt B for microscopy (C. I. No. 37255) <i>Sel de variamin bleu B / Sal azul de variamina B</i> $\text{CH}_3\text{OC}_6\text{H}_4\text{NHC}_6\text{H}_4\text{N} = \text{N}(\text{Cl})$ $\text{C}_{13}\text{H}_{12}\text{ClN}_3\text{O}$ $M = 261,71$ g/mol	WG. 3205	10 g	15,—	12,75	12,—	11,25
16415	Vaseline <i>Vaseline / Vaselina</i>	BL. BLT. BLT. 2712	1 kg 25 kg 165 kg	13,50 price on request price on request	11,50	10,80	10,40
Venyltoluene see Methylstyrene							
Venzonate see Benzyl benzoate							
60298	Veratraldehyde PROSYNTH® <i>Aldéhyde vératrique / Aldehído verátrico</i> $\text{C}_6\text{H}_3(\text{OCH}_3)_2(\text{CHO})$ $\text{C}_9\text{H}_{10}\text{O}_3$ $M = 166,18$ g/mol assay (GC) 98% melting range 40—43 °C	PF. 2911	250 g	54,50	46,35	43,60	40,90
60299	Veratric acid PROSYNTH® <i>Acide vératrique / Acido verátrico</i> $\text{C}_6\text{H}_3(\text{OCH}_3)_2(\text{COOH})$ $\text{C}_9\text{H}_{10}\text{O}_4$ $M = 182,18$ g/mol assay (alkalimetric) 99% melting range 180—182 °C	PF. PF. 2916	250 g 1 kg	69,— 229,—	58,65 194,65	55,20 183,20	51,75 176,35
Veratric acid nitrile see 3,4-Dimethoxybenzonitrile							
23106 A 3/4 +93 °C	Veratrole <i>Vératrole / Veratrol</i> $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ $\text{C}_8\text{H}_{10}\text{O}_2$ $M = 138,17$ g/mol congealing point 22 °C	FL. 2908	1 L	62,50	53,15	50,—	48,15
64941 A 8/35 C 8 1719 2	Veratrylamine PROSYNTH® <i>Vératrylamine / Veratrilamina</i> $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{CH}_2\text{NH}_2$ $\text{C}_9\text{H}_{13}\text{NO}_2$ $M = 167,21$ g/mol assay 97% boiling range 155—157 °C refractive index (n_D^{20}) 1,555	FL. 2923	10 ml	35,—	29,75	28,—	26,25
60300 A 6.1/21A C 6.1 2811 2	Veratryl cyanide PROSYNTH® <i>Vératryle cyanure / Veratrilo cianuro</i> $\text{C}_6\text{H}_3(\text{OCH}_3)_2(\text{CH}_2\text{CN})$ $\text{C}_{10}\text{H}_{11}\text{NO}_2$ $M = 177,20$ g/mol assay 98% melting range 60—62 °C	WG. WG. 2927	100 g 500 g	36,25 149,50	30,80 127,10	29,— 119,60	27,20 115,10



R: 23/24/25 S: 44
disposal: 15

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x (1 Box)	6x (1 Box)	24x (4 Boxes)	96x (16 Boxes)
Verdigris see Copper(II) acetate monohydrate							
Vermilion see Mercury(II) sulphide							
39681	Versamide 900 for gas chromatography working temperature 175 to 280 °C	WG. 3916	50 g	64,50	54,85	51,60	48,40
Versenat-sodium see IDRANAL® III							
Vert green see Diazine green							
37392	Vessel (glass) "Riedel" for chromatograms in the size of 10 x 20 cm <i>Cuve de verre "Riedel" / Cámara de desarrollo "Riedel"</i> package with 6 pieces	9025	1 pack	164,—	139,40	131,20	123,—
37391	Micro-Vessel (glass) "Riedel" for chromatograms in the size of 5 x 10 cm <i>Micro-Cuve de verre "Riedel" / Micro-Cámara de desarrollo "Riedel"</i> package with 6 pieces	9025	1 pack	120,—	102,—	96,—	90,—
32960	Vesuvine solution according to Neisser (2 g/l) for microscopy <i>Vésuvine en solution / Vesuvina en solución</i> 1 L ≈ 1,00 kg	PF. 3819	250 ml	12,—	10,20	9,60	9,—
32761	Victoria blue B for microscopy (C. I. No. 44045, S. No. 822) <i>Bleu Victoria B / Azul de Victoria B</i> C ₃₃ H ₃₂ ClN ₃ M = 506,09 g/mol	WG. 3205	25 g	13,25	11,25	10,60	9,95
62602	Vinyl acetate PROSYNTH® stabilized with hydroquinone (10 mg/l) <i>Vinyle acétate / Vinilo acetato</i> CH ₃ COOCH = CH ₂ C ₄ H ₆ O ₂ M = 86,09 g/mol 1 L ≈ 0,93 kg assay (GC) 98% boiling range 71—73 °C refractive index (n _D ²⁰) 1,395	FL. 2914	1 L	15,50	13,20	12,40	11,95
Vinylacetic acid see 3-Butenoic acid							
Vinylacetonitrile see Allyl cyanide							
63173	9-Vinylanthracene PROSYNTH® <i>9-Vinylanthracène / 9-Vinilantraceno</i> C ₆ H ₄ CH = C ₆ H ₄ = CCH = CH C ₁₆ H ₁₂ M = 204,27 g/mol assay (GC) 95% melting range 62—65 °C	FL. 2901	1 g	65,—	55,25	52,—	48,75
Vinylbenzene see Styrene							
[5-Vinylchinuclidyl-(2)]-[chinolyl-(4)]carbinol see Cinchonidine							
Vinyl cyanide see Acrylonitrile							
63174	4-Vinylcyclohexene PROSYNTH® stabilized with 4-tert.- butylpyrocatechol (50 mg/l) <i>4-Vinylcyclohexène / 4-Vinilciclohexeno</i> CH ₂ CH ₂ CH = CHCH ₂ CHCH = CH ₂ C ₈ H ₁₂ M = 108,18 g/mol 1 L ≈ 0,83 kg assay (GC) 98% boiling range 128—130 °C refractive index (n _D ²⁰) 1,446 keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera	FL. 2901	100 ml	19,—	16,15	15,20	14,25



R: 11 S: 9-16-33
disposal: 6

Vinylene dibromide see 1,2-Dibromoethylene

60301 Vinyl ethyl ether PROSYNTH® stabilized with 4-tert.-
A 3/1A butylpyrocatechol (1g/l)
C 3.1 1302 1 *Ether éthylynylique / Eter etilvinílico*
-45 °C



$\text{C}_4\text{H}_8\text{O}$ $M = 72,11 \text{ g/mol}$

1 L \approx 0,76 kg

assay (GC) 99%

boiling range 34–36 °C

refractive index (n_D^{20}) 1,376

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera

Vinylidene chloride see 1,1-Dichloroethylene

60302 2-Vinylpyridine PROSYNTH stabilized with 4-tert.-
A 3/3 butylpyrocatechol (1g/l)
C 3.3 1992 2 *2-Vinylpyridine / 2-Vinilpiridina*
+32 °C



$\text{C}_7\text{H}_7\text{N}$ $M = 105,14 \text{ g/mol}$

1 L \approx 0,98 kg

assay (GC) 98%

boiling range (at 39 mbar) 79–81 °C

refractive index (n_D^{20}) 1,549

keep in refrigerator (0 °C)

à stocker dans le frigidaire (0 °C)

almacenaje en la nevera (0 °C)



R: 10-20/21/22 disposal: 19

63175 4-Vinylpyridine PROSYNTH® stabilized with 4-tert.-
A 3/3 butylpyrocatechol (1 g/l)
C 3.3 1992 2 *4-Vinylpyridine / 4-Vinilpiridina*
+48 °C



$\text{C}_7\text{H}_7\text{N}$ $M = 105,14 \text{ g/mol}$

1 L \approx 0,98 kg

assay (GC) 98%

boiling range (at 20 mbar) 63–65 °C

refractive index (n_D^{20}) 1,550

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera



R: 10-20/21/22 disposal: 19

63810 N-Vinylpyrrolidone-(2) PROSYNTH® stabilized with sodium
A 3/4 hydroxide (1 g/l)
+98 °C *N-Vinylpyrrolidone-(2) / N-Vinilpirrolidona-(2)*



$\text{C}_6\text{H}_9\text{NO}$ $M = 111,14 \text{ g/mol}$

1 L \approx 1,04 kg

assay (GC) 98%

boiling range (at 15 mbar) 93–95 °C

refractive index (n_D^{20}) 1,512

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera

Vinylpyrrolidone-Vinylacetate-Copolymerisat
Luviskol®VA on request

Vinyltoluene see Methylstyrene

39460 Vitamin B₁₂ BIOSYNTH®
Vitamine B₁₂ / Vitamina B₁₂



package of 100 mg



$\text{C}_{63}\text{H}_{90}\text{CoN}_{14}\text{O}_{14}\text{P}$ $M = 1357,40 \text{ g/mol}$

keep in refrigerator

à stocker dans le frigidaire

almacenaje en la nevera

Code-Number A) RID/ADR B) GGVE/GGVs C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
					(1 Box)	(4 Boxes)	(16 Boxes)
Vitamine E see DL- α -Tocopherol							
Vitamine K ₃ see 2-Methyl-1,4-naphthoquinone							
12063	Vlemingx's solution Erg. B. 6 <i>Solution de Vlemingx / Solución de Vlemingx</i> 1 L \approx 1,21 kg  R: 31-36/37/38 S: 28 disposal: 4	FL. 2835	2,5 L	48,—	39,85	37,45	36,—
Volumetric solutions see under the respective designation of chemicals. Complete range see appendix.							
39822	Vydac® — 101 SI HPLC 0,030—0,044 mm (30—44 μ m) inert nuclear with silica gel plate for high-pressure-liquid chromatography granulation 30—44 μ m surface 12 m ² /g middle pore diameter 5,7 nm	WG. 3819	10 g	207,—	175,95	165,60	155,25
39823	Vydac® — 201 RP HPLC 0,030—0,044 mm (30—44 μ m) inert nuclear with reverse-phase-plate for high-pressure-liquid chromatography granulation 30—44 μ m surface 12 m ² /g pore diameter 5,7 nm	WG. 3819	10 g	331,—	281,35	264,80	248,25
39824	Vydac® — 301 SB HPLC 0,030—0,044 mm (30—44 μ m) inert nuclear with strongly basic anion exchanger-plate for high-pressure-liquid chromatography granulation 30—44 μ m capacity 0,1 mval/g	WG. 3819	10 g	450,—	382,50	360,—	337,50
39825	Vydac® — 401 SA HPLC 0,030—0,044 mm (30—44 μ m) inert nuclear with strongly acid cation exchanger-plate for high-pressure-liquid chromatography granulation 30—44 μ m capacity 0,1 mval/g	WG. 3819	10 g	399,—	339,15	319,20	299,25
39826	Vydac® — 501 PP HPLC 0,030—0,044 mm (30—44 μ m) inert nuclear with polar phase for high-pressure-liquid chromatography	WG. 3819	10 g	312,—	265,20	249,60	234,—
Waste water analysis see Test sets AQUANAL®							
Water analysis see Test sets AQUANAL®							
Water blue see Aniline blue water-soluble							
Water determination according to Dietrich and Conrad see Magnesium nitride							
32956 A 3/5 C 3.2 1142 2 + 11°C	Weigert's solution DAB 6 for colouring of the elastic fibres, for microscopy <i>Solution d'après Weigert / Solución de Weigert</i> 1 L \approx 0,83 kg  R: 11 S: 7-16 disposal: 6	FL. 3819	250 ml	12,—	10,20	9,60	9,—
Weigert see also Hematoxylin solution and Picrocarmin solution							
Wieninger see Selenium mixture for the quick determination of nitrogen							
Wijs' solution see Iodine solution according to Wijs							
Wintergreen oil synthetic see Methyl salicylate							
Witherite see Barium carbonate							

14913	Wood's metal melting point 75 °C <i>Alliage de Wood / Aleación de Wood</i> Wool fat see Lanolin Wright's Eosin methylene blue solution see Eosin methylene-blue solution according to Wright	PF. PF. 8104	100 g 1 kg	21,50 164,—	18,30 139,40	17,20 131,20	16,15 126,30
64943	9-Xanthencarboxylic acid PROSYNTH® <i>Acide 9-xanthénecarboxylique / Acido 9-xantenocarboxílico</i> <chem>C6H4OC6H4CHCOOH</chem> <chem>C14H10O3</chem> M = 226,23 g/mol assay (titration) 98% melting range 220—222 °C	WG. 2935	25 g	41,50	35,30	33,20	31,15
39233	Xanthine BIOSYNTH® <i>Xanthine / Xantina</i> <chem>C5H4N4O2</chem> M = 152,11 g/mol assay (UV) 96% log $\epsilon/280$ (NaOH 0,1 mol/l) 3,973	WG. 2935	5 g	14,50	12,35	11,60	10,90
63181	Xanthone PROSYNTH® <i>Xanthone / Xantona</i> <chem>C6H4OC6H4CO</chem> <chem>C13H8O2</chem> M = 196,21 g/mol assay (GC) 98% melting range 173—175 °C	WG. 2935	50 g	38,—	32,30	30,40	28,50
39234	Xanthosine BIOSYNTH® <i>Xanthosine / Xantosina</i> <chem>C10H12N4O6</chem> M = 284,23 g/mol	WG. 2935	5 g	27,75	23,60	22,20	20,80
33828	Xanthyrol R. G. <i>Xanthyrol / Xantidrol</i> <chem>C6H4OC6H4CHOH</chem> <chem>C13H10O2</chem> M = 198,22 g/mol	WG. WG. WG. 2935	5 g 10 g 50 g	29,50 51,— 212,—	25,10 43,35 180,20	23,60 40,80 169,60	22,15 38,25 159,—
64138 A 3/5 C 3.2 1992 2 +10 °C	Xanthyrol solution PROSYNTH® 10% in methanol <i>Xanthyrol en solution / Xantidrol en solución</i> <chem>C6H4OC6H4CHOH</chem> <chem>C13H10O2</chem> M = 198,22 g/mol 1 L ≈ 0,82 kg keep in refrigerator à stocker dans le frigidaire almacenaje en la nevera   R: 11-23/25 S: 2-7-16-24 disposal: 18	FL. 3005	100 ml	82,50	70,15	66,—	61,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
33817 ★ Xylene R. G., Reag. ACS, Reag. ISO, Reag Ph. Eur. I A 3/3 C 3.3 1307 2 + 26 °C	Xylène / Xileno C ₆ H ₄ (CH ₃) ₂ C ₈ H ₁₀ M = 106,17 g/mol 1 L ≈ 0,86 kg total content of isomers (GC) min. 97 % boiling range 137 – 140 °C density (D ₄ ²⁰) 0,865 – 0,867 refractive index (n _D ²⁰) 1,4960 – 1,4990 non-volatile matter max. 0,001 % water (according to Karl Fischer) max. 0,01 % free acid (as H ₂ SO ₄) max. 0,0005 % free alkali (as NaOH) max. 0,0005 % aluminium (Al) max. 0,00005 % barium (Ba) max. 0,00001 % lead (Pb) max. 0,00001 % boron (B) max. 0,000002 % cadmium (Ca) max. 0,00005 % chromium (Cr) max. 0,000002 % iron (Fe) max. 0,000002 % cobalt (Co) max. 0,000002 % copper (Cu) max. 0,000002 % magnesium (Mg) max. 0,00001 % manganese (Mn) max. 0,000002 % nickel (Ni) max. 0,000002 % zinc (Zn) max. 0,00001 % tin (Sn) max. 0,00001 % sulphur compounds (as S) max. 0,003 % benzene max. 0,1 % ethylbenzene max. 3 % toluene max. 0,1 % thiophene max. 0,0001 % reaction to sulphuric acid passes test	FL.	1 L	23,—	19,55	17,95	17,—
		FL.	2,5 L	47,50	39,45	37,05	35,65
		EKL.	30 L	L	7,85		
		EKL.	5x	L	7,45		
		EKL.	10x	L	7,—		
		2901					

17934 ★ Xylene MOS PURANAL® particle class 0

A 3/3 Xylène / Xileno

C 3.3 1307 2 C₆H₄(CH₃)₂

+ 26 °C C₈H₁₀ M = 106,17 g/mol 1 L ≈ 0,86 kg

total content of isomers (GC) min. 97%

boiling range 137–140 °C

density (D₄²⁰) 0,865–0,867

refractive index (n_D²⁰) 1,4960–1,4990

non-volatile matter max. 5 ppm

water (according to Karl Fischer) max. 100 ppm

free acid (as HCl) max. 5 ppm

free alkali (as NaOH) max. 1 ppm

aluminium (Al) max. 0,05 ppm

antimony (Sb) max. 0,01 ppm

arsenic (As) max. 0,01 ppm

barium (Ba) max. 0,1 ppm

beryllium (Be) max. 0,01 ppm

lead (Pb) max. 0,02 ppm

boron (B) max. 0,02 ppm

cadmium (Cd) max. 0,01 ppm

calcium (Ca) max. 0,2 ppm

chromium (Cr) max. 0,01 ppm

iron (Fe) max. 0,1 ppm

gallium (Ga) max. 0,02 ppm

gold (Au) max. 0,02 ppm

indium (In) max. 0,02 ppm

potassium (K) max. 0,1 ppm

cobalt (Co) max. 0,01 ppm

copper (Cu) max. 0,01 ppm

lithium (Li) max. 0,02 ppm

magnesium (Mg) max. 0,1 ppm

manganese (Mn) max. 0,01 ppm

molybdenum (Mo) max. 0,01 ppm

sodium (Na) max. 0,2 ppm

nickel (Ni) max. 0,01 ppm

platinum (Pt) max. 0,02 ppm

silver (Ag) max. 0,02 ppm

strontium (Sr) max. 0,02 ppm

thallium (Tl) max. 0,02 ppm

titanium (Ti) max. 0,01 ppm

vanadium (V) max. 0,01 ppm

bismuth (Bi) max. 0,02 ppm

zinc (Zn) max. 0,05 ppm

tin (Sn) max. 0,02 ppm

zirconium (Zr) max. 0,01 ppm

sulphur compounds (as S) max. 30 ppm

ethylbenzene (GC) max. 3%

toluene (GC) max. 1000 ppm



R: 10-20 S: 24/25
disposal: 6

FL.
2901

2,5 L

price on request

17865 ★ Xylene PURANAL®		FL.	2,5 L	price on request		
A 3/3 Xylène / Xileno		EKL.	30 L	price on request		
C 3.3 1307 2 C ₆ H ₄ (CH ₃) ₂		2901				
+ 26 °C C ₆ H ₁₀ M = 106,17 g/mol 1 L ≈ 0,86 kg						
total content of isomers (GC) min. 97 %						
boiling range 137 – 140 °C						
density (D ₄ ²⁰) 0,865 – 0,867						
refractive index (n _D ²⁰) 1,4960 – 1,4990						
non-volatile matter max. 5 ppm						
water (according to Karl Fischer) max. 100 ppm						
free acid (as HCl) max. 5 ppm						
free alkali (as NaOH) max. 1 ppm						
aluminium (Al) max. 0,05 ppm						
antimony (Sb) max. 0,01 ppm						
arsenic (As) max. 0,01 ppm						
barium (Ba) max. 0,1 ppm						
beryllium (Be) max. 0,01 ppm						
lead (Pb) max. 0,02 ppm						
boron (B) max. 0,02 ppm						
cadmium (Cd) max. 0,01 ppm						
calcium (Ca) max. 0,2 ppm						
chromium (Cr) max. 0,01 ppm						
iron (Fe) max. 0,1 ppm						
gallium (Ga) max. 0,02 ppm						
gold (Au) max. 0,02 ppm						
indium (In) max. 0,02 ppm						
potassium (K) max. 0,1 ppm						
cobalt (Co) max. 0,01 ppm						
copper (Cu) max. 0,01 ppm						
lithium (Li) max. 0,02 ppm						
magnesium (Mg) max. 0,1 ppm						
manganese (Mn) max. 0,01 ppm						
molybdenum (Mo) max. 0,01 ppm						
sodium (Na) max. 0,2 ppm						
nickel (Ni) max. 0,01 ppm						
platinum (Pt) max. 0,02 ppm						
silver (Ag) max. 0,02 ppm						
strontium (Sr) max. 0,02 ppm						
thallium (Tl) max. 0,02 ppm						
titanium (Ti) max. 0,01 ppm						
vanadium (V) max. 0,01 ppm						
bismuth (Bi) max. 0,02 ppm						
zinc (Zn) max. 0,05 ppm						
tin (Sn) max. 0,02 ppm						
zirconium (Zr) max. 0,01 ppm						
sulphur compounds (as S) max. 30 ppm						
ethylbenzene (GC) max. 3 %						
toluene (GC) max. 1000 ppm						
<div><div>X</div><div>R: 10-20 S: 24/25 disposal: 6</div></div>						
16446 ★ Xylene Erg. B. 6		FL.	1 L	22,—	18,70	17,15 16,30
A 3/3 Xylène / Xileno		FL.	2,5 L	42,75	35,50	33,35 32,05
C 3.3 1307 2 C ₆ H ₄ (CH ₃) ₂		EKL.	30 L	L	4,60	
+ 26 °C C ₆ H ₁₀ M = 106,17 g/mol 1 L ≈ 0,86 kg		EKL.	5x	L	4,20	
boiling range 137 – 140 °C		EKL.	10x	L	3,90	
density (D ₄ ²⁰) 0,865 – 0,867		EKL.	20x	L	3,75	
refractive index (n _D ²⁰) 1,4960 – 1,4990		2901				
non-volatile matter 0,002 %						
<div><div>X</div><div>R: 10-20 S: 24/25 disposal: 6</div></div>						
30835 o-Xylene min. 99,9 % for gas chromatography		FL.	5 ml	49,25	41,85	39,40 36,95
A 3/3 o-Xylène / o-Xileno		2901				
C 3.3 1307 2 C ₆ H ₄ (CH ₃) ₂						
+ 30 °C C ₆ H ₁₀ M = 106,17 g/mol 1 L ≈ 0,86 kg						
<div><div>X</div><div>R: 10-20 S: 24/25 disposal: 6</div></div>						

16449 ★ o-Xylene chem. pure

A 3/3 *o-Xylène / o-Xileno*

C 3.3 1307 2 C6H4(CH3)2

+30°C C8H10 M = 106,17 g/mol

1 L ≈ 0,89 kg

assay (GC) 99,5%

boiling range 143–145 °C

density (D₄²⁰) 0,880–0,881

refractive index (n_D²⁰) 1,5045–1,5055

non-volatile matter 0,005%



R: 10-20 S: 24/25

disposal: 6

FL.

500 ml

29,—

24,65

23,20

22,35

FL.

1 L

53,—

45,05

42,40

40,80

EKL.

30 L

price on request

2901

30836 m-Xylene min. 99,9% for gas chromatography

A 3/3 *m-Xylène / m-Xileno*

C 3.3 1307 2 C6H4(CH3)2

+26°C C8H10 M = 106,17 g/mol

1 L ≈ 0,86 kg



R: 10-20 S: 24/25

disposal: 6

FL.

5 ml

49,25

41,85

39,40

36,95

2901

16453 ★ m-Xylene chem. pure

A 3/3 *m-Xylène / m-Xileno*

C 3.3 1307 2 C6H4(CH3)2

+24°C C8H10 M = 106,17 g/mol

1 L ≈ 0,86 kg



R: 10-20 S: 24/25

disposal: 6

FL.

500 ml

23,75

20,20

19,—

18,30

FL.

1 L

43,50

37,—

34,80

33,50

EKL.

30 L

price on request

2901

30837 p-Xylene min. 99,9% for gas chromatography

A 3/3 *p-Xylène / p-Xileno*

C 3.3 1307 2 C6H4(CH3)2

+25°C C8H10 M = 106,17 g/mol

1 L ≈ 0,86 kg



R: 10-20 S: 24/25

disposal: 6

FL.

5 ml

49,25

41,85

39,40

36,95

2901

16469 ★ p-Xylene chem. pure

A 3/3 *p-Xylène / p-Xileno*

C 3.3 1307 2 C6H4(CH3)2

+25°C C8H10 M = 106,17 g/mol

1 L ≈ 0,86 kg



R: 10-20 S: 24/25

disposal: 6

FL.

500 ml

18,50

15,75

14,80

14,25

FL.

1 L

33,25

28,25

26,60

25,60

EKL.

30 L

price on request

2901

32734 p-Xylenol blue indicator

Bleu de p-xylénol / Azul de p-xilenol

C23H22O5S M = 410,49 g/mol

FL.

1 g

11,—

9,35

8,80

8,25

2937

32733 p-Xylenol blue water-soluble

Bleu de p-xylénol / Azul de p-xilenol

FL.

1 g

16,—

13,60

12,80

12,—

2937

33825 Xylenol orange, tetrasodium salt indicator for metal titration

Orangé de xylénol, sel tétrasodique / Naranja de xilenol, sal tetrasódica

C31H26Na4O13S M = 732,58 g/mol

FL.

1 g

10,50

8,95

8,40

7,90

WG.

5 g

36,—


30,60


28,80

27,—

2937




Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM	1x	6x	24x	96x
				(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)
	Xylenols see Dimethylphenols						
	p-Xylenolsulphonphthalein see p-Xylenol blue						
	Xylenyl-phthalein-bis-iminodiacetic acid see Phthalein purple						
	Xylidine see Dimethylaniline						
39158	Xylitol BIOSYNTH® <i>Xylitol / Xilita</i> $\text{HOCH}_2(\text{CHOH})_3\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}_5$ $M = 152,15$ g/mol melting range $92-95^\circ\text{C}$	PF. 2904	50 g	41,25	35,05	33,—	30,95
39159	D(+)-Xylose BIOSYNTH® <i>D(+)-Xylose / D(+)-Xilosa</i> $\text{OCH}_2(\text{CHOH})_3\text{CHOH}$ $\text{C}_5\text{H}_{10}\text{O}_5$ $M = 150,13$ g/mol specific rotation $([\alpha]_D^{20}; c = 10 \text{ in } \text{H}_2\text{O}) \dots +19,5^\circ \pm 1,5^\circ$	PF. 2943	50 g	13,50	11,50	10,80	10,15
63812 A 6.1/21 C 6.1 2811 2	o-Xylylene dicyanide PROSYNTH® <i>o-Xylylène dicyanure / o-Xilileno dicianuro</i> $\text{C}_6\text{H}_4(\text{CH}_2\text{CN})_2$ $\text{C}_{10}\text{H}_8\text{N}_2$ $M = 156,19$ g/mol melting range $57-59^\circ\text{C}$	WG. 2927	10 g	28,75	24,45	23,—	21,55
63927 A 6.1/21 C 6.1 2811 2	m-Xylylene dicyanide PROSYNTH® <i>m-Xylylène dicyanure / m-Xilileno dicianuro</i> $\text{NCCH}_2\text{C}_6\text{H}_4\text{CH}_2\text{CN}$ $\text{C}_{10}\text{H}_8\text{N}_2$ $M = 156,19$ g/mol melting range $27-29^\circ\text{C}$	FL. 2927	5 g	36,—	30,60	28,80	27,—
10597	Ytterbium powder <i>Ytterbium / Iterbio</i> Yb $M = 173,04$ g/mol assay 99%	FL. 2805	1 g	25,75	21,90	20,60	19,30
10601	Ytterbium(III) chloride-6-hydrate <i>Ytterbium(III) chlorure-6-hydrate / Iterbio(III) cloruro-6-hidrato</i> $\text{YbCl}_3 \cdot 6\text{H}_2\text{O}$ $M = 387,49$ g/mol	FL. 2852	1 g	14,75	12,55	11,80	11,05
10598 C 6.1 2811 3	Ytterbium(III) fluoride <i>Ytterbium(III) fluorure / Iterbio(III) fluoruro</i> YbF ₃ $M = 230,04$ g/mol assay 99%	FL. 2852	1 g	25,25	21,45	20,20	18,95
10599	Ytterbium(III) oxide <i>Ytterbium(III) oxyde / Iterbio(III) óxido</i> Yb_2O_3 $M = 394,08$ g/mol assay 99%	WG. 2852	10 g	62,50	53,15	50,—	46,90
10463	Yttrium powder <i>Yttrium / Itrio</i> Y $M = 88,91$ g/mol	WG. 2805	1 g	16,—	13,60	12,80	12,—
14802	Yttrium(III) chloride <i>Yttrium(III) chlorure / Itrio(III) cloruro</i> $\text{YCl}_3 \cdot 6\text{H}_2\text{O}$ $M = 303,36$ g/mol	FL. 2852	5 g	21,—	17,85	16,80	15,75
10417 C 6.1 2811 3	Yttrium(III) fluoride anhydrous <i>Yttrium(III) fluorure / Itrio(III) fluoruro</i> YF ₃ $M = 145,90$ g/mol assay 99%	WG. 2852	10 g	62,50	53,15	50,—	46,90

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
10466	Yttrium(III) nitrate-5-hydrate	WG.	10 g	22,50	19,15	18,—	16,90
C 5.1 1477 2	Yttrium(III) nitrate-5-hydrate / Itrio(III) nitrato-5-hidrato	2852					
	Y(NO ₃) ₃ · 5H ₂ O M = 365,00 g/mol						
10464	Yttrium oxide	WG.	10 g	31,75	27,—	25,40	23,80
	Yttrium oxyde / Itrio óxido	2852					
	Y ₂ O ₃ M = 225,81 g/mol						
	assay 99%						
16416	Zapon lacquer	FL.	1 L	28,50	24,25	22,80	21,95
A 3/1B	Vernis Zapon / Laca Zapon	3209					
C 3.2 2059 2							
-17°C	1 L ≈ 0,90 kg						
	 R: 11 S: 9-16-33 disposal: 6						
	Ziehl-Neelsen's solution see Carbol-fuchsin solution according to Ziehl-Neelsen						
31657	Zinc R. G., sticks of 6 mm Ø	PF.	250 g	15,—	12,75	12,—	11,25
	Zinc / Zinc	PF.	1 kg	44,—	37,40	35,20	33,90
	Zn M = 65,38 g/mol	7902					
	assay min. 99,5%						
	arsenic (As) max. 0,00001%						
	lead (Pb) max. 0,01%						
	iron (Fe) max. 0,005%						
	phosphorus (P) max. 0,001%						
	sulphur (S) max. 0,001%						
31653	Zinc R. G., granulated, Reag. ACS, Reag. Ph. Eur. I	PF.	250 g	11,50	9,80	9,20	8,65
	Zinc / Zinc	PF.	1 kg	30,25	25,70	24,20	23,30
	Zn M = 65,38 g/mol	FT.	50 kg	kg	17,—		
	assay min. 99,5%	7903					
	arsenic (As) max. 0,00001%						
	lead (Pb) max. 0,005%						
	cadmium (Cd) max. 0,0005%						
	iron (Fe) max. 0,005%						
	copper (Cu) max. 0,001%						
	tin (Sn) max. 0,001%						
	granulation 5—12 mm						
31677	Zinc R. G., flaky	PF.	250 g	12,—	10,20	9,60	9,—
	Zinc / Zinc	PF.	1 kg	32,25	27,40	25,80	24,85
	Zn M = 65,38 g/mol	7903					
	assay min. 99,5%						
	arsenic (As) max. 0,00001%						
	lead (Pb) max. 0,01%						
	iron (Fe) max. 0,005%						
	phosphorus (P) max. 0,001%						
	sulphur (S) max. 0,001%						
31651	Zinc R. G., finely granulated	BL.	250 g	19,50	16,60	15,60	14,65
A 4.2/6A	Zinc / Zinc	BL.	1 kg	57,50	48,90	46,—	44,30
B AG/78		7903					
C 4.3 1436 2	Zn M = 65,38 g/mol						
	granulation 0,5—2,0 mm						
	insoluble in sulphuric acid max. 0,5%						
	arsenic (As) max. 0,000015%						
	matters reducing KMnO ₄ (as O) max. 0,07%						


31664	Zinc R. G., fine powder (zinc dust) Reag. Ph. Eur. I	BL.	500 g	16,25	13,80	13,—	12,50
A 4.2/6A	<i>Zinc / Zinc</i>	BL.	1 kg	26,75	22,75	21,40	20,60
B AG/78	Zn $M=65,38$ g/mol	BL.	5 kg	105,—	87,15	81,90	78,75
C 4.3 1436 2	assay (metallic zinc) min. 90% arsenic (As) max. 0,0001 % lead (Pb) max. 0,5 % cadmium (Cd) max. 0,05 % iron (Fe) max. 0,005 % copper (Cu) max. 0,005 % tin (Sn) max. 0,05 % impurities containing nitrogen passes test	7903					
	R: 10-15 S: 7/8-43 disposal: 24						
14401	Zinc chem. pure (As max. 0,000015%) granulated	PF.	500 g	15,—	12,75	12,—	11,55
	<i>Zinc / Zinc</i>	PF.	1 kg	27,—	22,95	21,60	20,80
	Zn $M=65,38$ g/mol	PF.	5 kg	113,—	93,80	88,15	84,75
	granulation 5—12 mm	BLT.	50 kg	kg	12,—		
		7903					
14472	Zinc chem. pure (As max. 0,000015%) flaky	PF.	1 kg	27,—	22,95	21,60	20,80
	<i>Zinc / Zinc</i>	PF.	2,5 kg	58,—	48,15	45,25	43,50
	Zn $M=65,38$ g/mol	7903					
14407	Zinc chem. pure (As max. 0,000015%) rasped	PF.	500 g	16,75	14,25	13,40	12,90
	<i>Zinc / Zinc</i>	PF.	1 kg	31,—	26,35	24,80	23,85
	Zn $M=65,38$ g/mol	7903					
14409	Zinc pure (As max. 0,000015%) powder	BL.	500 g	17,25	14,65	13,80	13,30
A 4.2/ 6A	<i>Zinc / Zinc</i>	BL.	1 kg	31,50	26,80	25,20	24,25
B AG38/78	Zn $M=65,38$ g/mol	BL.	5 kg	120,—	99,60	93,60	90,—
C 4.3 1436 2		BLT.	50 kg	kg	14,—		
	R: 10-15 S: 7/8-43 disposal: 24	7903					
14406	Zinc pure (As max. 0,000015%) sticks of 6 mm Ø	PF.	500 g	18,50	15,75	14,80	14,25
	<i>Zinc / Zinc</i>	PF.	1 kg	33,75	28,70	27,—	26,—
	Zn $M=65,38$ g/mol	FT.	25 kg	kg	13,50		
		7902					
14411	Zinc technical finest powder (zinc dust)	BL.	1 kg	22,—	18,70	17,60	16,95
A 4.2/ 6A	<i>Zinc / Zinc</i>	BL.	5 kg	88,—	73,05	68,65	66,—
B AG38/78	Zn $M=65,38$ g/mol	BLT.	50 kg	kg	6,40		
C 4.3 1436 2		7903					
	 R: 15-17 S: 7/8-43A disposal: 28						
38614	0,100 g Zinc FIXANAL® water-soluble standard for atom absorption 0,100 g Zinc / 0,100 g Zinc	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						
38664	0,100 g organo-Zinc FIXANAL® petroleum ether-soluble standard for atom absorption 0,100 g organo- Zinc / 0,100 g organo- Zinc	3819	1 pack	33,75	28,70	27,—	25,30
A 3/3							
C 3.3 1115 2							
+25 °C	R: 10						
	ampoule						
38582	1,00 g Zinc FIXANAL® watersoluble standard for atom absorption 1,00 g Zinc / 1,00 g Zinc	3819	1 pack	10,25	8,70	8,20	7,70
	ampoule						
38945	10,00 g Zinc FIXANAL® as Zinc chloride	3819	1 pack	18,75	15,95	15,—	14,00
C 8 1840 3							
38950	10,00 g Zinc FIXANAL® as Zinc sulphate	3819	1 pack	18,75	15,95	15,—	14,00
	ampoule						


32325	Zinc acetate dihydrate R. G. <i>Zinc acétate dihydrate / Zinc acetato dihidrato</i> $(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_4\text{Zn} \cdot 2\text{H}_2\text{O} \quad M = 219,50 \text{ g/mol}$ assay min. 99,5% insoluble in acetic acid (0,5%) max. 0,005% pH (5%, 20 °C) 6—7 lead (Pb) max. 0,002% cadmium (Cd) max. 0,0005% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% potassium (K) max. 0,001% copper (Cu) max. 0,0005% magnesium (Mg) max. 0,001% manganese (Mn) max. 0,001% sodium (Na) max. 0,01% chloride (Cl) max. 0,001% sulphate (SO ₄) max. 0,005% total nitrogen (N) max. 0,001%	PF. PF. PF. FTP. 2914	250 g 500 g 1 kg 50 kg	10,50 15,— 28,— kg	8,95 12,75 23,80 14,55	8,40 12,— 22,40 kg	7,90 11,55 21,55 kg
25044	Zinc acetate dihydrate pure cryst. Erg. B. 6 <i>Zinc acétate dihydrate / Zinc acetato dihidrato</i> $(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_4\text{Zn} \cdot 2\text{H}_2\text{O} \quad M = 219,50 \text{ g/mol}$ assay 99,5% pH (5%, 20 °C) 6—7 lead (Pb) 0,005% iron (Fe) 0,002% chloride (Cl) 0,005% sulphate (SO ₄) 0,01%	PF. S. S. 2914	1 kg 50 kg 5x	17,— kg kg	14,45 5,90 5,60	13,60 kg kg	13,10 kg kg
25045	Zinc acetate dihydrate pure powder <i>Zinc acétate dihydrate / Zinc acetato dihidrato</i> $(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_4\text{Zn} \cdot 2\text{H}_2\text{O} \quad M = 219,50 \text{ g/mol}$ assay 99% lead (Pb) 0,005% iron (Fe) 0,005% chloride (Cl) 0,01% sulphate (SO ₄) 0,01%	PF. S. 2914	1 kg 50 kg	21,50 price on request	18,30 price on request	17,20 price on request	16,55 price on request
25056	Zinc acetate dihydrate technical <i>Zinc acétate dihydrate / Zinc acetato dihidrato</i> $(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{O}_4\text{Zn} \cdot 2\text{H}_2\text{O} \quad M = 219,50 \text{ g/mol}$ assay 99,5% iron (Fe) 0,01% lead (Pb) 0,005%	PF. S. 2914	1 kg 50 kg	14,50 price on request	12,35 price on request	11,60 price on request	11,15 price on request
63135	Zinc(II) acetylacetonate PROSYNTH® <i>Zinc(II) acétylacétonate / Zinc(II) acetilacetonato</i> $\text{Zn}(\text{C}_5\text{H}_7\text{O}_2)_2$ $\text{C}_{10}\text{H}_{14}\text{O}_4\text{Zn} \quad M = 263,60 \text{ g/mol}$ assay (ex Zn) 98% melting range 153-155 °C	WG. 2934	100 g	31,25	26,55	25,—	23,45
14470	Zinc borate technical light finest powder <i>Zinc borate / Zinc borato</i> assay (ZnO) 42% assay (B ₂ O ₃) 36% Zinc borofluoride solution see Zinc fluoroborate solution	PF. S. 2846	1 kg 25 kg	20,50 price on request	17,45 price on request	16,40 price on request	15,80 price on request



Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(16 Boxes)	(16 Boxes)	
02128	Zinc bromide chem. pure	WG.	500 g	37,—	31,45	29,60	28,50
	Zinc bromure / Zinc bromuro	WG.	1 kg	67,50	57,40	54,—	52,—
	ZnBr ₂ M = 225,19 g/mol	WG.	2,5 kg	147,—	122,—	114,65	110,25
	assay	FT.	25 kg	price on request			
	insoluble in water	2830					
	barium (Ba)						
	lead (Pb)						
	calcium (Ca)						
	iron (Fe)						
	potassium (K)						
02135	Zinc bromide solution D ²⁰ 2,5 optical grade for shielded windows of hot cells	FL.	1 L	67,50	57,40	54,—	52,—
	Zinc bromure en solution / Zinc bromuro en solución	BAS.	50 kg	price on request			
	ZnBr ₂ M = 225,19 g/mol	2830					
	1 L ≈ 2,50 kg						
	Zinc carbonate basic see Zinc hydroxide carbonate						
31650	Zinc chloride R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	PF.	250 g	10,75	9,15	8,60	8,05
	Zinc chlorure / Zinc cloruro	PF.	500 g	15,50	13,20	12,40	11,95
	ZnCl ₂ M = 136,29 g/mol	PF.	1 kg	26,75	22,75	21,40	20,60
	assay	FTP.	50 kg	kg	14,75		
	oxide chloride (as ZnO)	2830					
	lead (Pb)						
	cadmium (Cd)						
	calcium (Ca)						
	iron (Fe)						
	potassium (K)						
14422	Zinc chloride chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franç. IX	PF.	500 g	13,—	11,05	10,40	10,—
	Zinc chlorure / Zinc cloruro	PF.	1 kg	23,25	19,75	18,60	17,90
	ZnCl ₂ M = 136,29 g/mol	PF.	2,5 kg	52,50	43,60	40,95	39,40
	assay	FTP.	50 kg	price on request			
	oxide chloride (as ZnO)	2830					
	ph (10%, 20 °C)						
	ammonium (NH ₄)						
	arsenic (As)						
	iron (Fe)						
	foreign heavy metals (as Pb)						
14424	Zinc chloride pure dry	PF.	1 kg	19,25	16,35	15,40	14,80
	Zinc chlorure / Zinc cloruro	PF.	5 kg	76,50	63,50	59,65	57,40
	ZnCl ₂ M = 136,29 g/mol	BLT.	200 kg	price on request			
	assay	2830					
	oxide chloride (as ZnO)						
	lead (Pb)						
	iron (Fe)						
	sulphate (SO ₄)						
	total nitrogen (N)						

14427	Zinc chloride technical powder <i>Zinc chlorure / Zinc cloruro</i>	PF. PF. BLT. 2830	1 kg 5 kg 200 kg	18,75 69,50 price on request	15,95 57,70	15,— 54,20	14,45 52,15
A 8/12 C 8 2331 3	<chem>ZnCl2</chem> M = 136,29 g/mol assay 98% oxide chloride 1% lead (Pb) 0,005% iron (Fe) 0,005% sulphate (SO ₄) 0,05%						
	 R: 34 S: 7/8-28 disposal: 2						
11836	Zinc cyanide <i>Zinc cyanure / Zinc cianuro</i>	PF. 2843	1 kg	44,—	37,40	35,20	33,90
A 6.1/31A C 6.1 1713 1	<chem>Zn(CN)2</chem> R: 26/27/28-32 S: 1/2-7-28-29-45 disposal: 22						
							
	Zinc-disodium salt of the ethylenediaminetetraacetic acid see IDRANAL® (Zinc-IDRANAL®)						
	Zinc dust see Zinc						
01158	Zinc fluoride technical calcined <i>Zinc fluorure / Zinc fluoruro</i>	PF. S. 2829	2,5 kg 50 kg	price on request price on request			
C 6.1 2811 3	<chem>ZnF2</chem> M = 103,38 g/mol assay of Zn 61—63% assay of F 33—36% loss on ignition (4 h, 300 °C) 2% lead (Pb) 0,01% iron (Fe) 0,05% sulphate (SO ₄) 0,01% screen residue for 0,1 mm 5%						
01550	Zinc fluoroborate solution 50% for electroplating <i>Zinc fluoroborate en solution / Zinc fluoroborato en solución</i>	PF. FPF. 2829	1 L 45 kg	46,— price on request	39,10	36,80	35,40
	<chem>Zn(BF4)2</chem> M = 238,99 g/mol 1 L ≈ 1,58 kg assay of Zn 13,6—13,8% free fluoroboric acid (HBF ₄) 1—3% free boric acid (H ₃ BO ₃) 1—2% lead (Pb) 0,005% cadmium (Cd) 0,001% iron (Fe) 0,005% copper (Cu) 0,0005% nickel (Ni) 0,0005% chloride (Cl) 0,002% sulphate (SO ₄) 0,03%						
01421	Zinc fluorosilicate technical cryst. <i>Zinc fluorosilicate / Zinc fluorosilicato</i>	PF. S. 2829	5 kg 50 kg	49,50 price on request	41,10	38,60	37,15
C 6.1 2856 3	<chem>ZnSiF6 · 6H2O</chem> M = 315,55 g/mol assay 98%						
	 R: 22 S: 2-13-24/25 disposal: 27						
14434	Zinc hydroxide pure <i>Zinc hydroxyde / Zinc hidróxido</i>	PF. 2828	1 kg	48,—	40,80	38,40	36,95
	assay of zinc oxide (ZnO) 70% loss on ignition 20%						
14419	Zinc hydroxide carbonate technical <i>Zinc hydroxyde carbonate / Zinc hidróxido carbonato</i>	PF. S. 2842	1 kg 25 kg	17,75 price on request	15,10	14,20	13,65
	assay of Zn 56% lead (Pb) 0,002% iron (Fe) 0,02% chloride (Cl) 0,05% sulphate (SO ₄) 0,5% shake volume 130—150ml/100 g						
	Zinc-IDRANAL® see IDRANAL®						

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
			(1 Box)	(4 Boxes)	(4 Boxes)	(16 Boxes)	
10469	Zinc iodide <i>Zinc iodure / Zinc yoduro</i> ZnI ₂ M = 319,19 g/mol	WG. 2830	100 g	30,—	25,50	24,—	22,50
34558	Zinc iodide-starch solution R. G., Reag. Ph. Eur. I <i>Amidon en solution avec d'iodure de zinc / Zinc yodure- almidón en solución</i> 1 L ≈ 1,02 kg	FL. FL. 3819	500 ml 1 L	price on request			
14436	Zinc nitrate-6-hydrate pure cryst.	PF.	500 g	10,—	8,50	8,—	7,70
C 5.1 1514 2	Zinc nitrate-6-hydrate / Zinc nitrato-6-hidrato Zn(NO ₃) ₂ · 6H ₂ O M = 297,43 g/mol assay 98 % lead (Pb) 0,02 % iron (Fe) 0,001 % chloride (Cl) 0,005 %	PF. PF. PF. FPD. 2839	1 kg 2,5 kg 100 kg	17,75 37,50	15,10 31,15	14,20 29,25	13,65 28,15
14437	Zinc nitrate-6-hydrate technical lumps	PF.	2,5 kg	30,25	25,10	23,60	22,70
C 5.1 1514 2	Zinc nitrate-6-hydrate / Zinc nitrato-6-hidrato Zn(NO ₃) ₂ · 6H ₂ O M = 297,48 g/mol assay 100 % lead (Pb) 0,2 %	FPD. 2839	100 kg	price on request			
33826	Zincon R. G. for the photometric determination of copper and zinc HOCOC ₆ H ₄ NHNC(C ₆ H ₅)NNC ₆ H ₃ (OH)SO ₃ Na · H ₂ O C ₂₀ H ₁₅ N ₄ NaO ₆ S · H ₂ O M = 480,43 g/mol	FL. WG. 2929	1 g 5 g	18,75 66,—	15,95 56,10	15,— 52,80	14,05 49,50
31663	Zinc oxide R. G., Reag. ACS <i>Zinc oxyde / Zinc óxido</i> ZnO M = 81,38 g/mol assay min. 99 % insoluble in sulphuric acid max. 0,01 % arsenic (As) max. 0,00005 % lead (Pb) max. 0,005 % cadmium (Cd) max. 0,0005 % calcium (Ca) max. 0,005 % iron (Fe) max. 0,0005 % copper (Cu) max. 0,0005 % magnesium (Mg) max. 0,002 % manganese (Mn) max. 0,0005 % substances not precipitated by ammonium sulphide (as sulphates) max. 0,1 % chloride (Cl) max. 0,001 % nitrate (NO ₃) max. 0,001 % phosphate (PO ₄) max. 0,0005 % sulphur compounds (as SO ₄) max. 0,01 % substances reducing KMnO ₄ (as O) max. 0,001 %	PF. PF. PF. 2819	500 g 1 kg 2,5 kg	15,50 25,50 108,—	13,20 21,70 89,65	12,40 20,40 84,25	11,95 19,65 81,—
56032	Zinc oxide (gallium activated) for scintillation <i>Zinc oxyde / Zinc óxido</i>	FL. 2819	5 g	74,—	62,90	59,20	55,50
14439	Zinc oxide chem. pure Ph. Eur. I, B. P.1973, Ph. Franç. IX <i>Zinc oxyde / Zinc óxido</i> ZnO M = 81,38 g/mol assay 99,5 % loss on ignition (500 °C) 0,5 % arsenic (As) 0,0005 % lead (Pb) 0,005 % iron (Fe) 0,001 % chloride (Cl) 0,005 % sulphate (SO ₄) 0,05 % substances reducing KMnO ₄ (as O) 0,005 %	PF. PF. S. 2819	1 kg 2,5 kg 40 kg	19,50 41,—	16,60 34,05	15,60 32,—	15,— 30,75
14441	Zinc oxide pure (indifferent to potassium permanganate) <i>Zinc oxyde / Zinc óxido</i> ZnO M = 81,38 g/mol assay 99,5 % lead (Pb) 0,005 % cadmium (Cd) 0,0005 % iron (Fe) 0,001 % copper (Cu) 0,0005 % sulphate (SO ₄) 0,1 % substances reducing KMnO ₄ (as O) 0,001 %	PF. PF. S. 2819	1 kg 2,5 kg 50 kg	20,50 43,75	17,45 36,30	16,40 34,15	15,80 32,80

Code-Number A) RID/ADR B) GGVE/GGVS C) IMDG-CODE (GGVSee)		Type of package B.T.N.	Price per package DM				
			1x	6x	24x	96x	
				(1 Box)	(4 Boxes)	(16 Boxes)	
14443	Zinc oxide crude DAB 6 <i>Zinc oxyde / Zinc óxido</i> ZnO M = 81,38 g/mol	PF. PF. S. 2819	1 kg 2,5 kg 40 kg	20,50 43,75 price on request	17,45 36,30	16,40 34,15	15,80 32,80
14460	Zinc peroxide about 65% ZnO₂ <i>Zinc peroxyde / Zinc peróxido</i> ZnO ₂ M = 97,38 g/mol	2819					
14449 C 5.1 1516 2	Zinc peroxide 50—60%, Erg. B. 6 <i>Zinc peroxyde / Zinc peróxido</i> ZnO ₂ M = 97,38 g/mol	PF. PF. BLT. 2819	1 kg 2,5 kg 50 kg	30,— 64,50 price on request	25,50 53,55	24,— 50,30	23,10 48,40
04291	Zinc phosphate <i>Zinc phosphate / Zinc fosfato</i> Zn ₃ (PO ₄) ₂ · 4H ₂ O M = 458,14 g/mol assay of zinc (Zn) 44% loss on ignition 15%	PF. PF. S. 2840	500 g 1 kg 50 kg	20,— 37,25 price on request	17,— 31,65	16,— 29,80	15,40 28,70
04502 A 6.1/33 C 6.1 1714 2	Zinc phosphide powder <i>Zinc phosphure / Zinc fosfuro</i> Zn ₃ P ₂ M = 258,09 g/mol assay of active phosphorus (P) 20%	BL. BL. BL. BLT. 2855	1 kg 2,5 kg 20 kg 50 kg	24,75 52,50 price on request price on request	21,05 43,60	19,80 40,95	19,05 39,40
	 R: 28-32 S: 1/2-20/21/22-28-45 disposal: 29						
	Zinc silicofluoride see Zinc fluorosilicate						
39684	Zinc stearate for gas chromatography <i>Zinc stéarate / Zinc estearato</i> [CH ₃ (CH ₂) ₁₆ COO] ₂ Zn C ₃₆ H ₇₀ O ₄ Zn M = 632,33 g/mol	WG. 2914	25 g	price on request			
26423	Zinc stearate pure <i>Zinc stéarate / Zinc estearato</i>	K. S. 2914	1 kg 20 kg	17,50 price on request	14,90	14,—	13,50
31665	Zinc sulphate-7-hydrate R. G., Reag. ACS, Reag. ISO, Reag Ph. Eur. I <i>Zinc sulfate-7-hydrate / Zinc sulfato-7-hidrato</i> ZnSO ₄ · 7H ₂ O M = 287,55 g/mol assay min. 99,5% insoluble in water max. 0,005% pH (5%, 20 °C) 4,4—5,6 ammonium (NH ₄) max. 0,001% arsenic (As) max. 0,00005% lead (Pb) max. 0,001% cadmium (Cd) max. 0,0005% calcium (Ca) max. 0,001% iron (Fe) max. 0,0005% potassium (K) max. 0,001% copper (Cu) max. 0,001% magnesium (Mg) max. 0,001% manganese (Mn) max. 0,0002% sodium (Na) max. 0,005% chloride (Cl) max. 0,0005% nitrate (NO ₃) max. 0,002%	PF. PF. 2838	500 g 1 kg	12,75 20,25	10,85 17,20	10,20 16,20	9,80 15,60

14455	Zinc sulphate-7-hydrate chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX <i>Zinc sulfate-7-hydrate / Zinc sulfato-7-hidrato</i> $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 287,55 \text{ g/mol}$ assay 100% pH (5%, 20 °C) 4,4—5,6 arsenic (As) 0,0002% lead (Pb) 0,001% calcium (Ca) 0,005% iron (Fe) 0,001% potassium (K) 0,01% magnesium (Mg) 0,02% sodium (Na) 0,1% chloride (Cl) 0,01%	PF. PF. S. 2838	1 kg 5 kg 50 kg	13,— 49,50 price on request	11,05 41,10	10,40 38,60	10,— 37,15
14457	Zinc sulphate-7-hydrate pure cryst. <i>Zinc sulfate-7-hydrate / Zinc sulfato-7-hidrato</i> $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ $M = 287,55 \text{ g/mol}$ assay 98% arsenic (As) 0,001% lead (Pb) 0,005% iron (Fe) 0,001% chloride (Cl) 0,4%	PF. S. 2838	1 kg 50 kg	11,— price on request	9,35	8,80	8,45
14456	Zinc sulphate-1-hydrate pure <i>Zinc sulfate-1-hydrate / Zinc sulfato-1-hidrato</i> $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$ $M = 179,46 \text{ g/mol}$ assay of ZnSO_4 89% loss on drying (250 °C) 10% arsenic (As) 0,001% lead (Pb) 0,002% iron (Fe) 0,005% chloride (Cl) 0,1%	PF. S. 2838	1 kg 50 kg	13,50 price on request	11,50	10,80	10,40
38343	0,1 mol Zinc sulphate FIXANAL® 28,754 g $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$ for 1 L 0,1 M solution <i>0,1 mol Zinc sulfate / 0,1 mol Zinc sulfato</i>	3819	1 pack	11,25	9,55	9,—	8,45
	bottle						
56034	Zinc sulphide (silver activated) for scintillation <i>Zinc sulfure / Zinc sulfuro</i>	WG. 2835	500 g	283,—	240,55	226,40	217,90
56035	Zinc sulphide (silver activated, niquel endowed) for scintillation <i>Zinc sulfure / Zinc sulfuro</i>	WG. 2835	500 g	283,—	240,55	226,40	217,90
54032	Zinc sulphide COTAL® powder <i>Zinc sulfure / Zinc sulfuro</i> ZnS $M = 97,45 \text{ g/mol}$	PF. PF. 2835	100 g 500 g	66,— 272,—	56,10 231,20	52,80 217,60	49,50 209,45
14459	Zinc sulphide pure <i>Zinc sulfure / Zinc sulfuro</i> ZnS $M = 97,45 \text{ g/mol}$ assay 98% loss on drying (105 °C) 0,2% barium (Ba) 0,08% calcium (Ca) 0,02% iron (Fe) 0,001% cobalt (Co) 0,03% magnesium (Mg) 0,04%	PF. PF. PF. S. 2835	500 g 1 kg 2,5 kg 25 kg	9,75 17,— 36,— price on request	8,30 14,45 29,90	7,80 13,60 28,10	7,50 13,10 27,—
35882	Ziram min. 99% PESTANAL® (Zinc dimethyldithiocarbamate) $[(\text{CH}_3)_2\text{NC}(\text{S})\text{S}]_2\text{Zn}$ $\text{C}_6\text{H}_{12}\text{N}_2\text{S}_4\text{Zn}$ $M = 305,82 \text{ g/mol}$  R: 22-38 S: 2-13 disposal: 7 Zirconia see Zirconium oxide	FL. 2934	1 g	28,25	24,—	22,60	21,20

14602	Zirconium for getter purposes	BL.	25 g	16,50	14,05	13,20	12,40
A 4.2/6A	Zirconium / Zirconio	BL.	100 g	55,50	47,20	44,40	41,65
C 4.2 2008 2	Zr M=91,22 g/mol	8104					
	assay 97%						
	iron (Fe) 0,05%						
	titanium (Ti) 0,1%						
	 R: 15-17 S: 7/8-43A disposal: 28						
38622	0,100 g Zirconium FIXANAL® water-soluble standard for atom absorption	3819	1 pack	10,25	8,70	8,20	7,70
	0,100 g Zirconium / 0,100 g Zirconio						
	ampoule						
38584	1,00 g Zirconium FIXANAL® watersoluble standard for atom absorption	3819	1 pack	10,25	8,70	8,20	7,70
	1,00 g Zirconium / 1,00 g Zirconio						
	ampoule						
63139	Zirconium(IV) acetylacetonate PROSYNTH®	WG.	50 g	16,50	14,05	13,20	12,40
	Zirconium(IV) acétylacétonate / Zirconio(IV) acetilácatonato	2934					
	Zr(C ₅ H ₇ O ₂) ₄						
	C ₂₀ H ₂₈ O ₈ Zr M=487,66 g/mol						
	assay (ex Zr) 98%						
	melting range 191—193 °C						
14616	Zirconium(IV) carbonate	WG.	100 g	12,75	10,85	10,20	9,55
	Zirconium(IV) carbonate / Zirconio(IV) carbonato	2842					
	assay of ZrO ₂ 41%						
10418	Zirconium(IV) fluoride	PF.	100 g	163,—	138,55	130,40	122,25
C 6.1 2811 3	Zirconium(IV) fluorure / Zirconio(IV) fluoruro	2829					
	ZrF ₄ M=167,21 g/mol						
	assay 98%						
	cont. abt. 3% HfF ₄						
10465	Zirconium(II) hydride	FL.	10 g	15,—	12,75	12,—	11,25
A SV-NR746	Zirconium(II) hydrure / Zirconio(II) hidruro	2857					
B 4.2/6E	ZrH ₂ M=93,24 g/mol						
C 4.3 1437 2	assay 99%						
	 R: 15 S: 7/8-24/25-43A disposal: 28						
14603	Zirconium oxide (dioxide) pure	PF.	1 kg	35,—	29,75	28,—	26,95
	Zirconium oxyde / Zirconio óxido	S.	40 kg	price on request			
	ZrO ₂ M=123,22 g/mol	2828					
	assay of ZrO ₂ and HfO ₂ 99%						
	loss on ignition (1000 °C) 0,5%						
	iron (as Fe ₂ O ₃) 0,04%						
	titanium (as TiO ₂) 0,15%						
	silicate (SiO ₂) 0,3%						
	sulphate (SO ₄) 0,2%						
31670	Zirconium oxide chloride-8-hydrate R. G.	WG.	25 g	11,—	9,35	8,80	8,25
	Zirconium oxychlorure-8-hydrate / Zirconio óxido cloruro-8-hidrato	PF.	100 g	31,50	26,80	25,20	23,65
	ZrOCl ₂ · 8H ₂ O M=322,25 g/mol	2830					
	assay min. 99,5%						
	insoluble in water max. 0,01%						
	iron (Fe) max. 0,001%						
	titanium (Ti) max. 0,01%						
	suitability as micro reagent passes test						
14604	Zirconium(IV) oxide chloride solution (abt. 20% ZrO ₂)	FL.	250 ml	30,75	26,15	24,60	23,05
	Zirconium(IV) oxychlorure en solution / Zirconio(IV) óxido cloruro en solución	2830					
	ZrOCl ₂ M=178,13 g/mol						

Code-Number	Type of package	Price per	1x	6x	24x	96x
A) RID/ADR	B.T.N.	package DM		(1 Box)	(4 Boxes)	(16 Boxes)
B) GGVE/GGVS						
C) IMDG-CODE (GGVSee)						

	Zirconium potassium fluoride see Potassium fluorozirconate					
14608	Zirconium(IV) sulphate basic <i>Zirconium(IV) sulfate / Zirconio(IV) sulfato</i> assay of ZrO ₂ 30%	PF. 2838	100 g	10,50	8,95	8,40 7,90
14611	Zirconyl acetate solution (abt. 22% ZrO ₂) <i>Zirconyle acétate en solution / Zirconio oxiacetato en solución</i> (CH ₃ COO) ₂ ZrO C ₄ H ₈ O ₅ Zr M = 225,31 g/mol 1 L ≈ 1,30 kg	FL. 2914	250 ml	25,25	21,45	20,20 18,95
	Zulkowsky see Starch soluble according to Zulkowsky					

Page	Code-Number		Type of package	Price DM		
4	33209	Acetic acid (glacial) min. 99,7 % R. G. Reag. ACS, Reag. ISO, Reag Ph. Eur. I, indifferent to chromic acid	FPN. 60 kg kg 7,25 FPN. 5x kg 6,75			
5	27221	Acetic acid (glacial) 99-100 % chem. pure	FPN. 60 kg kg 4,- FPN. 5x kg 3,70			
6	27222	Acetic acid (glacial) 99-100 % technical	FPN. 60 kg kg 3,60 FPN. 5x kg 3,20			
6	33206	Acetid acid (glacial) 96 % R.G.	FPN. 60 kg kg 7,15 FPN. 5x kg 6,65			
7	27264	Acetic acid technical 90 %	FPN. 60 kg kg 3,35 FPN. 5x kg 3,05			
7	27218	Acetic acid 80 % chem. pure	FPN. 60 kg kg 3,60 FPN. 5x kg 3,15			
9	32201	Acetone R. G., Reag. ISO, Reag. Ph. Eur. I	EKL. 20 kg kg 7,05 EKL. 5x kg 6,50 EKL. 12x kg 6,25			
56	30501	Ammonia solution about 25 % NH ₃ R. G., Reag. ISO, Reag. Ph. Eur. I	FPF. 50 kg kg 3,50 FPF. 5x kg 3,25			
58	31101	Ammonium aluminium sulphate-12-hydrate R. G.	FTP. 50 kg kg 12,50			
63	30101	Ammonium fluoride R. G., Reag. ACS	FTP. 50 kg kg 32,—			
73	11222	Ammonium peroxodisulphate pure Erg. B 6	S. 50 kg price on request			
97	31127	Barium hydroxide-8-hydrate R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	FT. 50 kg kg 9,00			
98	31128	Barium nitrate R. G., Reag. ACS	FTP. 50 kg kg 13,—			
102	32212	Benzene R. G., Reag. ACS	EKL. 30 L L 8,85 EKL. 5x L 8,40 EKL. 10x L 8,15			
104	24519	Benzene pure Erg. B. 6	EKL. 30 L L 4,40 EKL. 5x L 4,20 EKL. 10x L 3,95			
130	31146	Boric acid R. G., buffer substance, Reag., ACS, Reag. ISO, Reag. Ph. Eur. I	FT. 50 kg kg 8,50			
171	33064	iso-Butanol R. G.	EKL. 20 kg kg 12,60			
192	25011	Calcium acetate chem. pure	S. 25 kg kg 6,30			
193	12010	Calcium carbonate chem. pure precipitated Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	S. 25 kg kg 1,95 S. 5x kg 1,85			
193	12009	Calcium carbonate pure precipitated light snow-white	S. 25 kg kg 1,55 S. 5x kg 1,45			
196	31219	Calcium hydroxide R. G. Reag. Ph. Eur. I	FTP. 50 kg kg 8,50			

Page	Code-Number		Type of package	Price DM		
197	31218	Calcium nitrate-4-hydrate R.G.	FTP.	50 kg	kg	7,90
204	31627	Carbon disulphide R.G., Reag. ACS, Reag. Ph. Eur. I	KA.	25 kg	kg	8,55
205	32215	Carbon tetrachloride R.G. (max. 0,0005 % S), Reag. Ph. Eur. I	EKL.	45 kg	kg	5,55
			EKL.	5x	kg	5,25
238	32211	Chloroform R.G., stabilized with abt. 1% ethanol, Reag. ACS, Ph. Eur. I	BA.	35 kg	kg	9,70
			BA.	5x	kg	8,95
			BA.	10x	kg	8,70
264	31225	Chromium (VI) oxide R.G., cryst. Reag. ACS, Reag. Ph. Eur. I	BL.	50 kg	kg	26,—
274	24303	Collodion 4%, DAB 6	EKS.	45 kg	kg	12,35
291	33117	Cyclohexane R.G.	EKL.	20 kg	kg	15,75
338	32222	Dichloromethane R.G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I, stabilized with (26 mg/l)	EKL.	45 kg	kg	5,50
351	15421	Diethanolamine pure	EKL.	35 kg	kg	5,50
			F.	215 kg	kg	4,—
361	24004	Diethyl ether DAB 7, B.P. 1973, U.S.P. XIX stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (5 mg/l)	F.	140 kg	price on request	
406	33147	1,4-Dioxan R.G., Reag. Ph. Eur. I, stabilized with 2,6-di- <i>tert.</i> - butyl-4-methylphenol (25 mg/l)	EKL.	30 kg	kg	25,20
407	24224	1,4-Dioxan stabilized with 2,6-di- <i>tert.</i> -butyl-4-methylphenol (25 mg/l)	EKL.	30 kg	kg	9,60
			EKL.	5x	kg	9,35
433	33211	Ethyl acetate R.G. Reag. ACS Reag. ISO, Reag. Ph. Eur. I	EKL.	25 kg	kg	9,45
447	33068	Ethylene glycol R.G.	FPF.	30 kg	kg	9,70
486	33220	Formaldehyde solution 35% by weight, R.G., Reag. ACS stabilized with about 10% methanol	STP.	60 kg	kg	4,20
487	33015	Formic acid 98–100%, R.G., Reag. ACS, Reag. Ph. Eur. I	PKM.	70 kg	kg	7,90
497	32224	Glycerol 86–88%, R.G., Reag. Ph. Eur. I	FPF.	70 kg	kg	16,—
500	15170	Guaiazulene 100% pure cryst.	ALU.	50 g	price on request	
			ALU.	100 g	price on request	
501	15171	Guaiazulene 50% (dissolved in paraffin viscid)	ALU.	100 g	price on request	
			ALU.	500 g	price on request	
501	15172	Guaiazulene 25% soluble in water (dissolved in Cremophor® EL)	ALU.	100 g	price on request	
			ALU.	500 g	price on request	
501	15182	Guaiazulene 25% powder (on Aerosil®)	FT.	500 g	price on request	
512	15614	Hexamethylenetetramine DAB 8	S.	50 kg	kg	6,15
			S.	5x	kg	5,75
			FTP.	50 kg	kg	6,45
			FTP.	5x	kg	6,05

Page	Code-Number		Type of package	Price DM		
515	15667	Hexane	EKL.	30 L	L	8,10
527	30720	Hydrochloric acid 32%, R.G.	FPF.	65 kg	kg	2,60
			FPF.	5x	kg	2,40
555	34549	IDRANAL® III (Ethylenediaminetetraacetic acid disodium salt) R.G. Reag. Ph. Eur. I	FTP.	50 kg	kg	55,—
618	13286	Manganese (II) acetate tetrahydrate chem. pure	S.	50 kg	kg	4,95
620	31423	Manganese (II) nitrate-4-hydrate R.G.	FTP.	50 kg	kg	14,25
634	32213	Methanol R.G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	STP.	45 kg	kg	6,10
			STP.	5x	kg	5,80
			STP.	10x	kg	5,50
638	24228	Methanol pure Erg. B. 6	EKL.	20 kg	kg	2,95
			EKL.	5x	kg	2,70
			EKL.	10x	kg	2,55
			EKL.	20x	kg	2,40
			F.	160 kg	kg	2,15
662	33407	Methyl ethyl ketone R.G., Reag. Ph. Eur. I	EKL.	20 kg	kg	9,50
708	30709	Nitric acid min. 65 %, R.G., Reag. ISO, Reag. Ph. Eur. I	STP.	40 kg	kg	5,80
			STP.	5x	kg	5,35
738	27736	Oxalic acid dihydrate technical cryst.	S.	25 kg	price on request	
765	24533	Petroleum ether (ligroine) boiling range abt. 90–100°C	EKL.	30 L	L	3,80
			EKL.	5x	L	3,55
765	24538	Petroleum ether FAM-Benzine standard (DIN 51635 and 51557), boiling range 65–95°C	EKL.	30 L	L	6,40
			EKL.	5x	L	5,90
766	32248	Petroleum ether R.G. boiling range 60–80°C	EKL.	30 L	L	9,45
766	24553	Petroleum ether boiling range 60–70°C	EKL.	30 L	L	4,70
			EKL.	5x	L	4,50
			EKL.	10x	L	4,20
766	32247	Petroleum ether R.G., Reag. Ph. Eur. I (petroleum benzine)	EKL.	30 L	L	9,45
766	24541	Petroleum ether pure, boiling range 40–60°C	EKL.	30 L	L	5,30
			EKL.	5x	L	5,—
			EKL.	10x	L	4,75
767	32246	Petroleum ether R.G. boiling range 30–50°C	EKL.	30 L	L	10,50
767	24549	Petroleum ether boiling range 30–50°C	EKL.	30 L	L	5,30
			EKL.	5x	L	5,05
			EKL.	10x	L	4,85
785	30417	ortho-Phosphoric acid 85%, R.G., Reag. ACS, Reag. ISO,	FPF.	50 kg	kg	5,80
			FPF.	5x	kg	5,50
804	31262	Potassium carbonate – sodium carbonate R.G., powder	FTP.	50 kg	kg	12,—
805	31248	Potassium chloride R.G., Reag. ISO, Reag. Ph. Eur. I	FTP.	50 kg	kg	9,—
809	30407	Potassium dihydrogen phosphate R.G., buffer substance,	FTP.	50 kg	kg	15,—

Page	Code-Number		Type of package	Price DM		
810	31268	Potassium disulphite R. G.	FTP.	50 kg	kg	10,80
811	30104	Potassium fluoride R. G.	FTP.	25 kg	kg	25,—
821	31263	Potassium nitrate R. G., Reag. ACS, Reag. ISO,	FTP.	50 kg	kg	7,50
822	25413	Potassium oxalate monohydrate chem. pure Erg. B 6	S.	50 kg	kg	13,65
826	31270	Potassium sulphate R. G., Reag. ACS, Reag. ISO,	FTP.	50 kg	kg	10,75
833	33538	Propanol-(1) R. G., (propyl alcohol)	EKL.	25 kg	kg	17,30
834	33539	Propanol-(2) R. G. ACS, Reag. Ph Eur. I (iso-propyl alcohol)	EKL.	20 kg	kg	8,10
			EKL.	5x	kg	7,50
			EKL.	10x	kg	7,10
873	32319	Sodium acetate anhydrous R. G.	FTP.	50 kg	kg	13,50
873	32318	Sodium acetate trihydrate R. G., Reag. ACS, Reag. ISO,	FTP.	50 kg	kg	8,50
			FTP.	5x	kg	7,95
876	31432	Sodium carbonate anhydrous, R. G., Reag. ACS, Reag. ISO,	FTP.	50 kg	kg	8,20
878	31434	Sodium chloride R. G., Reg. Ph. Eur. I	FTP.	50 kg	kg	4,10
			FTP.	5x	kg	3,85
881	11835	Sodium cyanide 98% NaCN, lumps	BLT.	50 kg	price on request	
883	30411	tetra-Sodium diphosphate-10-hydrate R. G.	FTP.	50 kg	kg	11,—
883	31448	Sodium disulphite R. G. dry, Reag. Ph. Eur. I	FTP.	50 kg	kg	6,—
887	31437	Sodium hydrogen carbonate R. G. powder, Reag. ACS,	FTP.	50 kg	kg	5,50
888	30427	di-Sodium hydrogen phosphate R. G., buffer substance,	FTP.	50 kg	kg	15,50
888	30412	di-Sodium hydrogen phosphate-2-hydrate R. G.,	FTP.	50 kg	kg	11,50
			FTP.	5x	kg	10,70
892	30531	Sodium hydroxide solution 32% R. G., for the determination of nitrogen (max. 0,0005 % N)	FPF.	35 kg	kg	3,60
			FPF.	5x	kg	3,40
897	31440	Sodium nitrate R. G., Reag. ACS, Reag. ISO	FTP.	50 kg	kg	10,30
903	31481	Sodium sulphate R. G. exsiccated, Reag. ACS, Reag. ISO,	FTP.	50 kg	kg	7,60
904	13468	Sodium sulphide (60–62 % Na ₂ S) scales	S.	50 kg	price on request	
904	31454	Sodium sulphite R. G. dry	FTP.	50 kg	kg	9,80
905	31453	Sodium sulphite-7-hydrate R. G.	FTP.	50 kg	kg	10,20
920	30743	Sulphuric acid 95–97%, R. G., Reag. ISO, Reag. Ph. Eur. I	FPF.	50 kg	kg	3,60
			FPF.	5x	kg	3,55
			FPF.	10x	kg	3,30
969	27815	4-Toluenesulphonic acid monohydrate	S.	25 kg	kg	5,20
			S.	5x	kg	4,95
986	16339	Triethanolamine technical	EKL.	30 kg	kg	6,—
1030	31650	Zinc chloride R. G.	FTP.	50 kg	current price	

APPENDIX

1. Products for analysis

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1. Products for analysis

1.1. Reagents for analysis

33209	Acetic acid, (glacial) min. 99,7% R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I, indifference to chromic acid	33029	Aniline, R. G., Reag. ACS, Reag. Ph. Eur. I	31146	Boric acid, R. G., buffer substance, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33206	Acetic acid, (glacial) 96% R. G.	33031	Anisole, R. G.	31145	Boron trioxide, anhydrous fine-granular for the silicate analysis
33214	Acetic anhydride, R. G., Reag. ACS, Reag. Ph. Eur. I	33032	Anthrone, R. G.	30202	Bromine, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
32612	Alizarin (C. I. No. 58000, S. No. 1141), R. G.	31171	Antimony, R. G.	33058	4-Bromoaniline, R. G.
31154	Aluminium nitrate-9-hydrate, R. G., Reag. ACS	31175	Antimony(III) chloride, R. G., Reag. ACS, Reag. Ph. Eur. I bottle of 100 g	33094	4-Bromomandelic acid, R. G.
33016	2-Aminobenzoic acid, R. G., Reag. Ph. Eur. I	31176	Antimony(III) chloride, R. G., Reag. ACS, Reag. Ph. Eur. I bottle of 250 g	33749	BTC (Blue tetrazolium chloride)
33017	1-Amino-2-hydroxy-4-naphthalenesulphonic acid, R. G., for the determination of phosphates	31177	Antimony(III) chloride, R. G., Reag. ACS, Reag. Ph. Eur. I bottle of 500 g	33185	Cadion, R. G.
33082	3-Aminomethylalizarin-N,N-diacetic acid dihydrate, R. G., for spectrophotometric fluoride determination	31178	Antimony(III) chloride, R. G., Reag. ACS, Reag. Ph. Eur. I bottle of 1 kg	31309	Cadmium, R. G. granular, for the filling of reducers, granulation 0,3—1,5 mm
30501	Ammonia solution, about 25% NH ₃ R. G., Reag. ISO, Reag. Ph. Eur. I	31121	Antimony(III) chloride, R. G., Reag. ACS	32308	Cadmium acetate dihydrate, R. G.
32301	Ammonium acetate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31122	Antimony(III) oxide, R. G.	31147	Cadmium chloride-1-hydrate, R. G.
31101	Ammonium aluminium sulphate-12-hydrate, R. G.	33085	Arsenazo I, R. G.	31310	Cadmium nitrate-4-hydrate, R. G.
31106	Ammonium carbamate, R. G.	33086	Arsenazo III, R. G.	31148	Cadmium sulphate, R. G., Reag. ACS
31823	Ammonium cerium(IV) nitrate, R. G., Reag. ACS, Reag. Ph. Eur. I	31140	Arsenic, R. G.	33107	Caesignost®, R. G.
31173	Ammonium cerium(IV) sulphate-2-hydrate, R. G., Reag. Ph. Eur. I	31123	Arsenic(III) oxide, R. G., Reag. ACS, Reag. Ph. Eur. I	31312	Calcium carbonate, for silicate analysis
31107	Ammonium chloride, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33034	L(+)-Ascorbic acid, R. G., Reag. ISO, Reag. Ph. Eur. I	31208	Calcium carbonate, R. G.
31203	Ammonium chlorocuprate(II), R. G., Reag. ACS	33035	Aurin tricarboxylic acid ammonium salt, R. G.	31214	Calcium chloride, 98% granular for micro-analysis
31202	Ammonium dichromate, cryst. R. G.	32305	Barium acetate, R. G., Reag. ACS	31216	Calcium chloride, 84% R. G. granular
30401	Ammonium dihydrogen phosphate, R. G., Reag. ACS	31124	Barium carbonate, R. G., Reag. ACS	31307	Calcium chloride-2-hydrate, R. G., Reag. ACS, Reag. Ph. Eur. I
30101	Ammonium fluoride, R. G., Reag. ACS	31125	Barium chloride-2-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31219	Calcium hydroxide, R. G. Reag. Ph. Eur. I
32303	di-Ammonium hydrogen citrate, R. G.	31204	Barium chromate, R. G.	31218	Calcium nitrate-4-hydrate, R. G.
30402	di-Ammonium hydrogen phosphate, R. G., Reag. ACS, Reag. Ph. Eur. I	31127	Barium hydroxide-8-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	30406	tri-Calcium phosphate, R. G.
30328	Ammonium iodide, R. G., Reag. ACS	31128	Barium nitrate, R. G., Reag. ACS	31221	Calcium sulphate-2-hydrate, R. G.
31105	Ammonium iron(II) sulphate-6-hydrate, (max. 0,002% Mn) R. G.	31126	Barium perchlorate, anhydrous R. G.	32649	Carmine, R. G. and for histology (C.I. No. 75470, S. No. 1381) (Nacarat)
31111	Ammonium iron(III) sulphate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	36114	Bates' reagent	33337	Carminic acid, R. G. and for microscopy (C. I. No. 75470, S. No. 1381)
31110	Ammonium iron(II) sulphate-6-hydrate, R. G. Reag. ISO, Reag. Ph. Eur. I	33087	Bathocuproin, R. G.	33843	Cellulose HYPHAN, ion exchanger R. G.
31402	Ammonium molybdate, R. G., Reag. Ph. Eur. I	33088	Bathocuproin disulphonic acid disodium salt, R. G.	31808	Cerium(III) chloride-7-hydrate, R. G.
31114	Ammonium nitrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33089	Bathophenanthroline, R. G.	31606	Cerium(IV) sulphate, R. G.
32304	Ammonium oxalate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33090	Bathophenanthroline disulphonic acid disodium salt, R. G.	31807	Cesium chloride, R. G.
31117	Ammonium peroxodisulphate, R. G., Reag. ACS, Reag. Ph. Eur. I	33093	Benzhydroxamic acid, R. G.	31311	Cesium sulphate, R. G.
33022	Ammonium sulphamidate, R. G. (for the determination of sulphonamides in the blood), Reag. ACS	33045	Benzoic acid, for calorimetric determination, about 6320 cal/g Δ 26461 J/g	34521	Chloral hydrate solution
31119	Ammonium sulphate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33047	Benzoic acid, R. G., Reag. ACS, Reag. Ph. Eur. I	31224	Chloramine T, R. G., Reag. Ph. Eur. I
31120	Ammonium thiocyanate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33049	α -Benzoinoxime, R. G.	33176	Chloranilic acid, R. G.
31153	Ammonium meta-vanadate, R. G., Reag. Ph. Eur. I	33052	Benzoyl chloride, R. G., Reag. ACS, Reag. Ph. Eur. I	33177	Chloranilic acid barium salt trihydrate, R. G.
		33054	N-Benzoyl-N-phenylhydroxylamine, R. G.	33178	Chloranilic acid lanthanum salt, R. G.
		33055	Benzyl alcohol, R. G., Reag. Ph. Eur. I	33179	Chloranilic acid mercury salt, R. G., for photometric chloride determination
		33056	Bilirubin, R. G.	33108	Chrome azurol S, (C. I. No. 43825, S. No. 841) indicator for metal titration
		33069	Bindone, R. G.	31313	Chromium(III) nitrate-9-hydrate, R. G.
		33155	2,2'-Bipyridine, R. G.	31225	Chromium(VI) oxide, R. G., cryst. Reag. ACS, Reag. Ph. Eur. I
		33080	4,4'-Bis-(3,4-dihydroxybenzeneazo)-stilbene-2,2'-disulphonic acid diammonium salt, R. G.	33111	Chromotropic acid, R. G., Reag. Ph. Eur. I
		31646	Bismuth subnitrate, R. G.	33112	Cinchonine hydrochloride dihydrate, R. G.
		33091	Bismuthiol I dipotassium salt, R. G.	33114	Citric acid monohydrate, R. G., buffer substance, Reag. ACS, Reag. Ph. Eur. I
		33092	Bismuthiol II, R. G.		

31314	Cobalt(II) acetate tetrahydrate, R. G., Reag. Ph. Eur. I	33163	2,6-Dimethylphenol, R.G.	33262	Hydroxylammonium chloride, R.G., for determination of mercury, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31277	Cobalt(II) chloride-6-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33137	N,N-Dimethyl-p-phenylenediamine dihydrochloride, R. G.		
31278	Cobalt(II) nitrate-6-hydrate, R. G., Reag. ACS	33140	1,3-Dinitrobenzene, R. G., Reag. Ph. Eur. I	33237	Hydroxylammonium sulphate, R. G.
31279	Cobalt(II) nitrate-6-hydrate, R. G., Reag. Ph. Eur. I (max. 0,001% Ni)	33139	3,5-Dinitrobenzoic acid, R. G.	33199	8-Hydroxyquinaldine, R. G.
31280	Cobalt(III) oxide, R. G. (for the determination of sulphur)	33253	2,4-Dinitrofluorobenzene, R. G.	32502	8-Hydroxyquinoline, R. G., Reag. ACS
31315	Cobalt(II) sulphate-7-hydrate, R. G.	33145	2,4-Dinitrophenylhydrazine, in proportion 2:1 to water, R. G.	32504	8-Hydroxyquinoline, test substance for elementary analysis
33338	sym.-Collidine, R. G.	33146	3,5-Dinitrosalicylic acid monohydrate, R. G.	30420	Hypophosphorous acid, 50% R. G.
31284	Copper, R. G., electrolytic, wire, Reag. Ph. Eur. I	34236	Dioxan/ <i>iso</i> -butanol, (70:30) clearing fluid for membrane foils-electrophoresis	32718	Indigo, R. G. synthetic (Indigotin)
31291	Copper oxide, R. G. wire, containing CuO and Cu ₂ O	33149	Diphenylamine, R. G., Reag. ACS, Reag. Ph. Eur. I	32667	Indigo carmine, R. G. powder (C. I. No. 73015, S. No. 1309)
32315	Copper(II) acetate monohydrate, R. G., Reag. ACS, Reag. Ph. Eur. I	33184	N,N'-Diphenylbenzidine, R. G.	33318	Indole, R. G.
31286	Copper(II) chloride-2-hydrate, R. G.	33152	Diphenylcarbazide, R. G., Reag. Ph. Eur. I	33750	INT, [2-(p-Iodophenyl)-3-(p-nitrophenyl)-5-phenyltetrazolium chloride]
31287	Copper(I) chloride, R. G., Reag. ACS, Reag. Ph. Eur. I	33153	Diphenylcarbazone, R. G.	30308	Iodic acid, R. G., Reag. Ph. Eur. I
31288	Copper(II) nitrate-3-hydrate, R. G., Reag. ACS, Reag. Ph. Eur. I	33168	Dipicrylamine, R. G., (with 0,5 ml H ₂ O/g)	30305	Iodine, R. G., Reag. ACS, Reag. Ph. Eur. I
31289	Copper(II) oxide, R. G. granular	33156	Dithiol, R. G.	30306	Iodine pentoxide, granular for flue-gas analysis
31292	Copper(II) oxide, R. G. powder	33154	Dithizone, R. G., Reag. Ph. Eur. I	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid, R. G.
31294	Copper(II) sulphate, R. G. anhydrous	32752	Eriochrome cyanine, R. G. (C. I. No. 43820, S. No. 840)	31231	Iron, R. G., made by reduction
31293	Copper(II) sulphate-5-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33202	Fast blue salt B	31243	Iron, R. G. wire, 0,2 mm Ø
33340	m-Cresol, R. G.	33210	Fast red salt B, R.G.	31228	Iron, R. G. wire, 0,57 mm Ø
33344	Cupferron, R. G.	32615	Fluorescein, R. G. for determination of chloride, bromide, iodide colour change: green fluorescent—pink	31232	Iron(III) chloride-6-hydrate, cryst. R. G., Reag. ACS, Reag. Ph. Eur. I
33188	Cuproin, R. G.	33265	4-Fluorobenzoic acid, test substance for elementary analysis	31226	Iron(II) chloride-4-hydrate, R. G.
33189	Curcumin, R. G.	33259	4-Fluorophenol, R.G.	31233	Iron(III) nitrate-9-hydrate, R. G., Reag. ACS
33118	1,2-Cyclohexanedionedioxime, R. G.	30108	Fluorosilicic acid, 31% R. G.	31234	Iron(III) oxide, R. G., standard titrimetric substance
31609	Devarda's alloy, R. G. powder	33220	Formaldehyde solution, 35% by weight, R. G., Reag. ACS stabilized with about 10'p methanol	31235	Iron(III) sulphate, R. G.
33124	Diacetylmonoxime, R. G.			31236	Iron(II) sulphate-7-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33193	o-Dianisidine, R. G., containing 30—40% water for safety reasons	33197	Formaldoxime, R. G. (abt. 15% solution in diethyl ether)	31239	Iron(II) sulphide, sticks for preparing hydrogen sulphide
33194	1,1'-Dianthrime, R. G. [Di-(1,1'-anthraquinonyl)-amine]	33015	Formic acid, 98—100%, R. G., Reag. ACS, Reag. Ph. Eur. I	33319	Isatin, R. G.
33183	2,6-Dibromophenolindophenol sodium salt, R.G.	33219	Furfural, (Furfurol) R. G., Reag. Ph. Eur. I	33322	Kalignost®, (Sodium tetraphenylborate/boron) R. G. Reag. ACS
33180	2,6-Dibromoquinone-4-chlorimide, R. G.	33198	α-Furildioxime, R. G.	33333	Kojic acid, R. G.
33125	2,6-Dichlorophenolindophenol sodium salt dihydrate, R. G., Reag. Ph. Eur. I	33226	Glycine, R. G., buffer substance	31820	Lanthanum chloride-7-hydrate, R. G.
33181	2,6-Dichloroquinone-4-chlorimide, R. G.	33255	Glyoxal-bis-(2-hydroxyanil), R. G.	31617	Lanthanum nitrate-6-hydrate, R. G., Reag. Ph. Eur. I
33158	5-(4-Diethylaminobenzylidene)-rhodanine, R. G.	34612	Hexachloroplatinic(IV)acid solution, 5%, R. G.	31819	Lanthanum(III) oxide, for atom-spectroscopy
33190	Diethylammonium diethyldithiocarbamate, R. G.	33233	Hexamethylenetetramine, R. G., Reag. Ph. Eur. I	31132	Lead, R. G. foil, Reag. ACS
33122	N,N-Diethylaniline, R. G.	33248	Homovanillic acid, R. G.	31133	Lead, R. G., granular, for the filling of reducers, Reag. ACS
33161	5,5-Diethylbarbituric acid, R. G., Reag. Ph. Eur. I, buffer substance	33235	Hydrazinium sulphate, R. G., Reag. ACS	32306	Lead acetate, basic for sugar analysis according to Horne, Reag. ACS
33128	Dimedone, R. G., reagent for aldehydes	33234	Hydrindantin dihydrate, R. G.	32307	Lead acetate trihydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33129	4-Dimethylaminoazobenzene, indicator, Reag. Ph. Eur. I (C. I. No. 11020, S. No. 28)	30311	Hydriodic acid, min. 67% R. G.	31205	Lead chromate, millet-size R. G.
33130	4-Dimethylaminobenzaldehyde, R. G., Reag. ACS, Reag. Ph. Eur. I	30330	Hydriodic acid, 57% R. G., stabilized with hypophosphorous acid	31320	Lead diethyl dithiocarbamate, R. G.
33132	5-(4-Dimethylaminobenzylidene)-rhodanine, R. G.	30204	Hydrobromic acid, about 48% R. G., Reag. ACS, Reag. ISO	31137	Lead(II) nitrate, R. G., Reag. ACS, Reag. Ph. Eur. I
33182	4-Dimethylaminocinnamic aldehyde, R. G.	30721	Hydrochloric acid, min. 37% R. G., Reag. ISO, Reag. Ph. Eur. I	31142	Lead(IV) oxide, (max. 0,0005% Mn) R. G.
33186	5-Dimethylaminonaphthalenesulphonyl-1-chloride (DANSYL-chloride)	30720	Hydrochloric acid, 32%, R. G.	31150	Lead(II,IV) oxide, R. G.
33133	Dimethylglyoxime, R. G., Reag. ACS	30723	Hydrochloric acid, min. 25% R. G.	31138	Lead(II) oxide, R. G., Reag. Ph. Eur. I
33134	Dimethylglyoxime disodium salt octahydrate, R. G., water soluble	30719	Hydrochloric acid	31485	Lithium carbonate, R. G., Reag. ACS
		30107	Hydrofluoric acid, 48% R. G., Reag. ACS, Reag. ISO	31407	Lithium chloride, R. G.
		30103	Hydrofluoric acid, 40% R. G., Reag. ISO, Reag. Ph. Eur. I	31406	Lithium hydroxide-1-hydrate, R. G.
		33236	Hydroxylammonium chloride, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I		

31500	Lithium perchlorate, R. G.	33437	Ninhydrin, R. G.	33536	Picrolonic acid, R. G.
31486	Lithium sulphate-1-hydrate, R. G.	30710	Nitric acid, min. 65%, R. G. for determinations with dithizone, Reag. ISO, Reag. Ph. Eur. I	33537	Piperidine, R. G., Reag. Ph. Eur. I
31499	Lithium tetraborate, anhydrous for X-ray fluorescence analysis			32309	Potassium acetate, R. G.
31488	Lithium tetraborate, R. G., anhydrous	30709	Nitric acid, min. 65%, R. G., Reag. ISO, Reag. Ph. Eur. I	31242	Potassium aluminium sulphate-12-hydrate, R. G., Reag. ACS
32316	Magnesium acetate tetrahydrate, R. G., Reag. ACS	30713	Nitric acid, min. 65% R. G., for determination of mercury, Reag. ISO, Reag. Ph. Eur. I	30205	Potassium bromate, R. G., Reag. ACS, Reag. Ph. Eur. I
31413	Magnesium chloride-6-hydrate, R. G., Reag. ACS, Reag. ISO	33474	Nitrin, R. G. (2-Aminobenzaldehyde phenylhydrazone)	30206	Potassium bromide, R. G., Reag. ACS, Reag. Ph. Eur. I
31412	Magnesium hydroxide carbonate, R. G. light			31245	Potassium carbonate, R. G.
31415	Magnesium nitrate-6-hydrate, R. G., Reag. ACS	33480	2-Nitroaniline, R. G.	31262	Potassium carbonate—sodium carbonate, R. G., powder
31416	Magnesium nitride, R. G. for the determination of water in fuels containing alcohol according to Dietrich and Conrad	33481	4-Nitroaniline, R. G.	31247	Potassium chlorate, R. G., Reag. ACS, Reag. Ph. Eur. I
31417	Magnesium oxide, R. G.	33439	2-Nitrobenzaldehyde, R. G.	31249	Potassium chloride, R. G. (max. 0,005% Br)
31418	Magnesium oxide, R. G. (max. 0,001% SO ₄)	33442	4-(4-Nitrobenzeneazo)-(1)-naphthol, R. G.	31248	Potassium chloride, R. G., Reag. ISO, Reag. Ph. Eur. I
31420	Magnesium sulphate-6-hydrate, R. G.	33468	4-(4-Nitrobenzyl)-pyridine, R. G.	31250	Potassium chromate, R. G., Reag. ACS, Reag. Ph. Eur. I
32317	Manganese(II) acetate tetrahydrate, R. G.	33753	Nitro-BT, (Nitro-blue tetrazolium chloride)	31246	Potassium chromium sulphate-12-hydrate, R. G., Reag. ACS
31421	Manganese(II) carbonate, R. G.	33443	Nitron, R. G., reagent for nitric acid	31252	Potassium cyanide, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31422	Manganese(II) chloride-4-hydrate, R. G.	33444	2-Nitrophenol, R. G.	31255	Potassium dichromate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31423	Manganese(II) nitrate-4-hydrate, R. G.	33477	2-Nitrophenol-4-arsonic acid, R. G.	32334	Potassium dihydrogen citrate, R. G., buffer substance
31425	Manganese(II) sulphate-1-hydrate, R. G., Reag. ACS, Reag. Ph. Eur. I	33449	4-Nitrophenylhydrazine, R. G.	30407	Potassium dihydrogen phosphate, R. G., buffer substance, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33440	D(-)-Mannitol, R. G.	33469	4-Nitropyrocatechol, R. G.	31269	Potassium disulphate, R. G.
33403	2-Mercaptobenzothiazole, R. G.	33478	4-Nitroso-N,N-dimethylaniline, R. G.	31268	Potassium disulphite, R. G.
31002	Mercury, R. G., Reag. Ph. Eur. I	33453	1-Nitrosonaphthol-(2), R. G.	30104	Potassium fluoride, R. G.
31003	Mercury(II) acetate, R. G., Reag. ACS, Reag. Ph. Eur. I	33451	2-Nitrosonaphthol-(1), R. G.	31625	Potassium fluorotitanate(IV), R. G.
31012	Mercury(II) bromide, R. G., Reag. ACS, Reag. Ph. Eur. I	33479	Nitroso R salt, R. G. (1-nitroso-2-naphthol-3,6-disulphonic acid disodium salt)	31254	Potassium hexacyanoferrate(II)-3-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31004	Mercury(I) chloride, (calomel) R. G., Reag. ACS, Reag. Ph. Eur. I	33752	NTC, (Neotetrazolium chloride)	31253	Potassium hexacyanoferrate(III), R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31005	Mercury(II) chloride, (sublimed) R. G., Reag. ACS, Reag. Ph. Eur. I	33506	Oxalic acid dihydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31149	Potassium hexahydroxoantimonate(V), R. G., Reag. Ph. Eur. I
31006	Mercury(I) nitrate-2-hydrate, R. G.	33504	Oxalic acid-bis-(cyclohexylidene hydrazide), R. G.	31259	Potassium hydrogen carbonate, R. G., Reag. Ph. Eur. I
31008	Mercury(II) oxide, red R. G., Reag. ACS	30755	Perchloric acid, 70%, R. G., Reag. ISO, Reag. Ph. Eur. I	30327	Potassium hydrogen diiodate, R. G.
31009	Mercury(II) oxide, yellow R. G., Reag. ACS, Reag. Ph. Eur. I	30750	Perchloric acid, 70% R. G. for determination of mercury, Reag. ISO, Reag. Ph. Eur. I	33325	Potassium hydrogen phthalate, R. G., buffer substance, Reag. ISO, Reag. Ph. Eur. I
33460	Methyl thymol blue	30754	Perchloric acid, 60%, R. G. Reag. ISO	31261	Potassium hydrogen sulphate, R. G., fused
31427	Molybdenum(VI) oxide, R. G.	31642	PERDROGEN®, R. G. (30% by weight H ₂ O ₂ $\hat{=}$ 100 by volume oxygen) (hydrogen peroxide) Reag. Ph. Eur. I	31260	Potassium hydrogen sulphate, R. G., Reag. Ph. Eur. I
33413	Morin, R. G. (C. I. No. 75660, S. No. 1366)	30325	ortho-Periodic acid, R. G.	32331	Potassium hydrogen tartrate, R. G., buffer substance
33751	MTT, (Dimethylthiazolyldiphenyltetrazolium bromide)	33510	1,10-Phenanthroline, R. G.	30603	Potassium hydroxide, R. G., pellets
33414	Murexide, for complexometry (C. I. No. 56085, S. No. 1138)	33515	1,10-Phenanthroline chloride, R. G., Reag. Ph. Eur. I	30614	Potassium hydroxide, R. G., pellets (max. 0,002% Na) Reag. ACS, Reag. ISO
33420	Naphthol-(1), R. G., Reag. Ph. Eur. I	33517	Phenol, R. G., Reag. ACS	30522	Potassium hydroxide solution, 28,5%, for flue-gas analysis
33422	Naphthol-(2), R. G., Reag. Ph. Eur. I	33520	Phenylarsonic acid, R. G.	30314	Potassium iodate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33464	Naphthol-(1)-benzein, R. G., Reag. Ph. Eur. I	33524	Phenyl iso-cyanate, R. G.	30315	Potassium iodide, R. G., Reag. ISO, Reag. Ph. Eur. I
33417	β -Naphthoquinoline, R. G. (Naphthine)	33528	1-Phenyl-2,3-dimethyl-4-aminopyrazolon-(5), R. G.	31263	Potassium nitrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
33426	Naphthylamine-(1), R. G., Reag. Ph. Eur. I	33521	1,3-Phenylenediammonium dichloride, R. G.	31303	Potassium nitrite, R. G., cryst.
33461	N-(1-Naphthyl)-ethylenediammonium dichloride, R. G.	33598	Phenylfluoron, R. G.	32313	Potassium oxalate monohydrate, R. G., Reag. ACS
33473	Neocupferron, R. G.	33554	Phenylhydrazinium chloride, R. G., Reag. Ph. Eur. I	31265	Potassium perchlorate, R. G., Reag. ACS
33466	Neocuproin, R. G.	33529	Phloroglucinol dihydrate, R. G., Reag. Ph. Eur. I	31318	Potassium permanganate, R. G., for determination of mercury
33467	Neocuproin hydrochloride, R. G.	34611	Phloroglucinol solution, spirituous DAB 6 (2 g/100 g)	31404	Potassium permanganate, R. G., Reag. ACS, Reag. Ph. Eur. I
31462	Nickel chloride-6-hydrate, R. G.	31426	Phosphomolybdic acid, R. G.		
31483	Nickel sulphate-6-hydrate, R. G., Reag. ACS	30417	ortho-Phosphoric acid, 85%, R. G., Reag. ACS, Reag. ISO, Ph. Eur. I		
31472	Nickel(II) acetate tetrahydrate, R. G.	30419	Phosphorus(V) oxide, R. G., Reag. ACS, Reag. Ph. Eur. I		
		33503	Phthaldialdehyde, R. G.		
		33534	Phthalic acid, R. G.		
		33600	Picric acid, R. G., Reag. Ph. Eur. I (with 0,5 ml H ₂ O/g)		

31266	Potassium peroxodisulphate, R. G.	30411	tetra-Sodium diphosphate-10-hydrate, R. G.	33616	Starch, R. G. soluble according to Zulkowsky
31275	Potassium peroxodisulphate, R. G. (max. 0,001 % N)	31448	Sodium disulphite, R. G. dry, Reag. Ph. Eur. I	34117	Starch solution, ready-for-use in saturated salt solution
31271	Potassium polysulphide, R. G., granular	31487	Sodium dithionite, R. G. (so-called sodium hydrosulphite)	31632	Strontium chloride-6-hydrate, R. G.
32312	Potassium sodium tartrate tetrahydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	30105	Sodium fluoride, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I,	31633	Strontium nitrate, R. G., Reag. ACS
31270	Potassium sulphate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	32321	Sodium formate, R. G.	33057	Succinic acid, R. G.
31613	Potassium tellurite, for bacteriology	31296	Sodium hexanitrocobaltate(III), R. G., Reag. ACS	32765	Sudan (III), R. G., Reag. Ph. Eur. I (C. I. No. 26100)
32329	Potassium tetroxalate dihydrate, R. G., buffer substance	31437	Sodium hydrogen carbonate, R. G. powder, Reag. ACS, Reag. Ph. Eur. I	33618	Sulphanilic acid, R. G., Reag. Ph. Eur. I
30316	Potassium tetroxiodate(VII), R. G.	30412	di-Sodium hydrogen phosphate-2-hydrate, R. G., buffer substance	33619	5-Sulphosalicylic acid dihydrate, R. G. and for metal titration, Reag. ACS
31272	Potassium thiocyanate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	30427	di-Sodium hydrogen phosphate, R. G., buffer substance, Reag. ACS	34622	Sulphur dioxide, watery solution 5—6% SO ₂ R. G.
31273	Potassium xanthate, R. G.	30413	di-Sodium hydrogen phosphate-7-hydrate, R. G., Reag. ACS	30743	Sulphuric acid, 95—97%, R. G., Reag. ISO, Reag. Ph. Eur. I
33553	Pyridine, R. G., Reag. ACS, Reag. Ph. Eur. I	30414	di-Sodium hydrogen phosphate-12-hydrate, R. G., Reag. ISO, Reag. Ph. Eur. I	30741	Sulphuric acid, R. G., 95—97% for determination of mercury, Reag. ISO, Reag. Ph. Eur. I
33579	1-(2-Pyridylazo)naphthol-(2) (PAN) indicator for metal titration	31438	Sodium hydrogen sulphate-1-hydrate, R. G.	30736	Sulphuric acid, fuming, with about 20% SO ₃ , R. G., Reag. ACS
33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR), indicator for metal titration	30615	Sodium hydroxide, R. G., pellets (max. 0,0002% K)	33801	L(+)-Tartaric acid, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
32101	Pyrocatechol, R. G., Reag. Ph. Eur. I	30620	Sodium hydroxide, R. G., pellets, Reag. ACS, Reag. Ph. Eur. I	33767	3,3',5,5'-Tetrabromophenolphthalein ethyl ester potassium salt, R. G.
33101	Quinaldic acid, R. G.,	30531	Sodium hydroxide solution, 32% R. G., for the determination of nitrogen (max. 0,0005% N)	33712	Tetrahydrofurfuryl alcohol, R. G.
33102	Quinhydrone, R. G., Reag. Ph. Eur. I	30410	Sodium hypophosphite-1-hydrate R. G., Reag. Ph. Eur. I	33714	1,2,5,8-Tetrahydroxyanthraquinone, R. G.
33601	Reinecke salt, R. G.	31439	Sodium molybdate-2-hydrate, R. G. Reag. Ph. Eur. I	33748	1,4-Tetrahydroxybenzoquinone dihydrate, R. G.
33602	Resorcinol, R. G., Reag. Ph. Eur. I	33429	Sodium naphthoquinone-(1,2)-sulphonate-(4), R. G., reagent for amino acids according to Folin	33711	Tetramethylsilane, gauging substance for NMR
32634	Rhodamine B, R. G. and for microscopy (C. I. No. 45170, S. No. 864)	31440	Sodium nitrate, R. G., Reag. ACS, Reag. ISO	33758	Tetraphenylarsonium chloride monohydrate, R. G.
33606	Rubeanic acid, R. G. (dithiooxamide)	31443	Sodium nitrite, R. G., cryst., Reag. ACS, Reag. Ph. Eur. I	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone, R. G.
32658	Rubin S concentrated, R. G. for analyse and microscopy, reagent on aldehydes (C. I. No. 42685, S. No. 800)	31444	Sodium nitroprusside, R. G., Reag. ACS, Reag. Ph. Eur. I	33721	Thioacetamide, R. G., Reag. Ph. Eur. I
33608	Salicylaldoxime, R. G.	32322	Sodium oxalate, R. G.	33765	2-Thiobarbituric acid, R. G., for sorbic acid determination
33614	Semicarbazide hydrochloride, R. G.	31445	Sodium peroxide, R. G., granular, Reag. ACS	33747	2,2-Thiodiethanol, (Thiodiglycol) R. G.
31628	Silver diethyldithiocarbamate, R. G., Reag. Ph. Eur. I	33138	di-Sodium phenylphosphate dihydrate, R. G., for the determination of phosphatase	33718	Thionalide, R. G. (thioglycollic acid-[β-naphthyl]-amide)
31630	Silver nitrate, R. G., Reag. Ph. Eur. I	33432	Sodium rhodizonate, R. G.	33720	Thiosemicarbazide, R. G.
34623	Silver nitrate solution, R. G. 5%	31493	Sodium salicylate, R. G.	33717	Thiourea, R. G., Reag. Ph. Eur. I
31497	Silver perchlorate	31619	Sodium selenite, R. G.	33745	Thorin, R. G. [2-(2-hydroxy-3,6-disulphonic-1-naphthaleneazo) phenylarsonic acid, disodium salt]
31494	Silver sulphate, R. G.	31481	Sodium sulphate, R. G. exsiccated, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31686	Thorium nitrate-5-hydrate, R. G. plastic bottle of 50 g
31631	Silver wool, for elementary analysis	31449	Sodium sulphate-10-hydrate, R. G.	31666	Tin, R. G. granulated
31429	Sodium lumps, R. G., Reag. ACS, Reag. Ph. Eur. I	31495	Sodium sulphide-5-hydrate, R. G.	31655	Tin(II) chloride-2-hydrate, R. G., for determination of mercury
32319	Sodium acetate, anhydrous R. G.	31454	Sodium sulphite, R. G. dry	31669	Tin(II) chloride-2-hydrate, R. G., Reag. ACS, Reag. Ph. Eur. I
32318	Sodium acetate trihydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31453	Sodium sulphite-7-hydrate, R. G.	33724	Tiron, R. G. and for metal titration
30409	Sodium ammonium hydrogen phosphate, R. G.	32323	Sodium tartrate, R. G.	33725	Titan yellow, R. G., Reag. Ph. Eur. I (C. I. No. 19540, S. No. 280)
31432	Sodium carbonate, anhydrous, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	31498	Sodium tetraborate, anhydrous for X-ray fluorescence analysis	33726	o-Tolidine hydrochloride, R. G.
31431	Sodium carbonate-10-hydrate, R. G., Reag. ISO, Reag. Ph. Eur. I	31456	Sodium tetraborate-4-hydrate, R. G.	36118	p-Toluidine, for the determination of hydroxymethylfurfural according to Winkler (4-Methylaniline)
31492	Sodium chlorate, R. G.	31457	Sodium tetraborate-10-hydrate, R. G., buffer substance, Reag. ACS, Reag. Ph. Eur. I	33731	Trichloroacetic acid, R. G., Reag. ACS
31434	Sodium chloride, R. G., Reg. Ph. Eur. I	30323	Sodium tetroxiodate(VII), R. G., Reag. ACS, Reag. Ph. Eur. I	33729	Triethanolamine, for metal titration
32320	tri-Sodium citrate dihydrate, R. G., Reag. ISO, Reag. Ph. Eur. I	31459	Sodium thiosulphate-5-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33732	2,3,5-Triphenyltetrazolium chloride) TTC, R. G., testing agent for the power of germinating of seeds, Reag. Ph. Eur. I
31295	Sodium dichromate-2-hydrate, R. G.	31620	Sodium trioxobismuthate(V), R. G.	33764	Triphenyltin chloride, R. G.
33456	Sodium diethylbarbiturate, R. G., buffer substance	31621	Sodium tungstate-2-hydrate, R. G.	33762	α,α',α''-Tripyridyl, R. G.
31465	Sodium diethyldithiocarbamate trihydrate, R. G.	33615	Starch, R. G. soluble		

33742	Tris-(hydroxymethyl)-aminomethane, R. G., buffer substance	31697	Uranyl acetate dihydrate, R.G. plastic bottle of 10 g	31653	Zinc, R. G., granulated, Reag. ACS, Reag. Ph. Eur. I
33744	Tris-(hydroxymethyl)-aminomethane hydrochloride, R. G.	31638	Uranyl nitrate-6-hydrate, R. G. plastic bottle of 100 g	31657	Zinc, R.G., sticks of 6 mm Ø
33757	2,4,6-Tris-(2'-pyridyl)-s-triazine (TPTZ), R. G.	31696	Uranyl nitrate-6-hydrate, R. G., Reag. ACS plastic bottle of 25 g	32325	Zinc acetate dihydrate, R. G.
31648	Tungstophosphoric acid, R. G.	33247	Urea, R. G., Reag. ACS	31650	Zinc chloride, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31647	Tungstosilicic acid, R. G.	33828	Xanthidrol, R. G.	31663	Zinc oxide, R. G., Reag. ACS
31698	Uranyl acetate dihydrate, R. G. plastic bottle of 25 g	31664	Zinc, R. G., fine powder (zinc dust) Reag. Ph. Eur. I	31665	Zinc sulphate-7-hydrate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
31636	Uranyl acetate dihydrate, R. G. plastic bottle of 100 g	31651	Zinc, R. G., finely granulated	33826	Zincon, R. G. for the photometric determination of copper and zinc
		31677	Zinc, R. G., flaky	31670	Zirconium oxide chloride-8-hydrate, R. G.

1.2. Ready-for-use preparations for analysis

32804	Alkali blue solution, DIN 51558/559, for testing lubricants (Neutralization and saponification numbers)	36116	Fischer, reagent solution according to Karl Fischer, for titrimetric determination of water in two separate solutions Solution A: Pyridine-sulphur dioxide-solution (0,5 ml each of solutions A and B mixed are equivalent to min. 3 mg H ₂ O)	31604	Oxygen absorbent 2,5 molar, O ₂ absorbent on base of chromium(II) chloride for oxygen determination in the gas analysis
36001	Aufrecht's reagent, for quantitative albumen determination			36011	Picric acid solution, 1,2 %
36007	Benedict's reagent, for the qualitative determination of sugar	36117	Fischer, reagent solution according to Karl Fischer, for titrimetric determination of water in two separate solutions Solution B: Methanolic iodine solution (0,5 ml each of solutions A and B mixed are equivalent to min. 3 mg H ₂ O)	30520	Potassium hydroxide solution, 47 % for the absorption of carbon dioxide according to Knipping
36005	Benedict's reagent, for the quantitative determination of sugar			30521	Potassium hydroxide solution, 50 % for the absorption of carbon dioxide according to Orsat
31605	Carbon monoxide absorbent, absorbente for absorption of carbon monoxide out of gas compounds			36063	Pyrogallol solution, 25 %, for absorption of oxygen according to Orsat (Before use one volume of pyrogallol solution has to be mixed with 5 volumes of potassium hydroxide solution) O
36060	Copper(II) chloride solution, for absorption of carbon oxide according to Orsat	36070	Folin-Denis reagent, for colorimetric detection of uric acid	36078	Schlesinger's reagent, for urobilin
36069	Denigès' reagent, for acetone	36022	Folin-Denis reagent, for phenols	36090	Selenium mixture, for the quick determination of nitrogen according to Wieninger
31821	Disintegrating mixture, for nitrogen determination	34800	HYDRANAL® solvent, solvents for modified Karl Fischer titration	36028	Solution according to Günzburg, DAB 6 Solution A: Phloroglucinol solution, ethanolic
36052	Dragendorff's reagent, on alcaloides	34802	HYDRANAL® standard methanol, of 5,00 mg water/ml	36029	Solution according to Günzburg, DAB 6 Solution B: Vanillin solution, ethanolic
36013	Ehrlich's diazo reagent, for execution of the diazo reaction according to DAB 6 Solution B: Sulphanilic acid solution	34803	HYDRANAL® standard sodium tartrat, sodium tartrat dihydrate of 15,66 % ± 0,05 % water	36081	Splittgerber's reagent, for the determination of phosphates
36015	Ehrlich's diazo reagent, for execution of the diazo reaction according to DAB 6 Solution A: Sodium nitrite solution	34801	HYDRANAL® titrant, titration medium for modified Karl Fischer titration	30740	Sulphuric acid, chem. pure, with about 15 % phosphorus pentoxide, R. G., for the determination of nitrogen according to Kjeldahl
36016	Ehrlich's solution, DAB 6, reagent for urobilinogen	34618	Hydrochloric acid-alcohol, (0,75 % hydrochloric acid in ethanol 60 % by weight)	30728	Sulphuric acid, 40 %, according to Knipping, for the determination of the metabolism of gas
36017	Esbach's solution, reagent for proteins	34573	Magnesia mixture, R. G., for the determination of phosphoric acid	30771	Sulphuric acid, 90—91 %, for fat determination according to Gerber and determination of nitrates in milk
31610	Eschka's mixture, R. G.	36048	Mayer's reagent, Reag. Ph. Eur. I	36084	Töpfer's reagent, for hydrochloric acid in gastric juice (0,5 % ethanolic dimethylaminoazobenzene solution)
36018	Fehling's solution, for the determination of sugar, Reag. Ph. Eur. I	36051	Millon's reagent, on proteines	34226	Vanadate molybdate reagent, for the determination of phosphates
36115	Fischer, reagent solution according to Karl Fischer, for titrimetric determination of water in one solution Iodine-sulphur dioxide-pyridine-solution (1 ml ≙ 5 mg H ₂ O)	36053	Nessler's reagent, for the determination of ammonium salts (potassium mercury(II) iodide solution)	34627	Vanadium sulphuric acid
		36057	Nylander's solution, reagent for detection of glucose		
		36058	Obermayer's solution, DAB 6 for detection of indican		

1.3. Organic reagents for inorganic analysis

1.3.1. Aluminium

33005	Acetylacetone	32612	Alizarin (C. I. No. 58000, S. No. 1141)	33054	N-Benzoyl-N-phenylhydroxylamine
33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33016	2-Aminobenzoic acid	33264	Calcon®
		33085	Arsenazo I	33176	Chloranilic acid
		33035	Aurin tricarboxylic acid ammonium salt	33108	Chrome azurol S for determination of fluoride colour change: pink—reddish-violet
		33047	Benzoic acid		

33344	Cupferron	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	33714	1,2,5,8-Tetrahydroxyanthraquinone
32752	Eriochrome cyanine	33460	Methyl thymol blue	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33233	Hexamethylenetetramine	33413	Morin	33825	Xylenol orange, tetrasodium salt
32502	8-Hydroxyquinoline	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		
34549	IDRANAL® III	33057	Succinic acid		
34588	IDRANAL® IV				

1.3.2. Ammonium

33322	Kalignost®	33481	4-Nitroaniline
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1.3.3. Antimony

32675	Crystal violet	32745	Malachite green	32610	Safranin T EO at pH 7 — 0,29 volt, rH 4—7,5
33189	Curcumin	32678	Methyl violet 6 B	31628	Silver diethyldithiocarbamate
33193	o-Dianisidine	33413	Morin	31465	Sodium diethyldithiocarbamate trihydrate
33190	Diethylammonium diethyldithiocarbamate	33598	Phenylfluoron	33721	Thioacetamide
33156	Dithiol	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33718	Thionalide
33154	Dithizone	32672	Pyrocatechol violet	33717	Thiourea
32502	8-Hydroxyquinoline	32634	Rhodamine B		

1.3.4. Arsenic

33156	Dithiol	34549	IDRANAL® III	33718	Thionalide
34531	Ferroun solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	31628	Silver diethyldithiocarbamate		

1.3.5. Barium

34549	IDRANAL® III	33432	Sodium rhodizonate	33748	1,4-Tetrahydroxybenzoquinone dihydrate
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1.3.6. Beryllium

33005	Acetylacetone	33189	Curcumin	33619	5-Sulphosalicylic acid dihydrate
33035	Aurin tricarboxylic acid ammonium salt	32752	Eriochrome cyanine	33714	1,2,5,8-Tetrahydroxyanthraquinone
33047	Benzoic acid	33199	8-Hydroxyquinaldine	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33108	Chrome azurol S for determination of fluoride colour change: pink—reddish-violet	32502	8-Hydroxyquinoline	33745	Thorin
33344	Cupferron	34549	IDRANAL® III	33761	Triethylphosphine oxide
		33413	Morin	33825	Xylenol orange, tetrasodium salt
		31493	Sodium salicylate		

1.3.7. Bismuth

33047	Benzoic acid	34549	IDRANAL® III	31465	Sodium diethyldithiocarbamate trihydrate
33091	Bismuthiol I dipotassium salt	33403	2-Mercaptobenzothiazole	33758	Tetraphenylarsonium chloride monohydrate
33344	Cupferron	33417	β-Naphthoquinoline	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33190	Diethylammonium diethyldithiocarbamate	33506	Oxalic acid dihydrate	33721	Thioacetamide
33133	Dimethylglyoxime	33510	1,10-Phenanthroline	33718	Thionalide
33134	Dimethylglyoxime disodium salt octahydrate	33600	Picric acid	33717	Thiourea
33156	Dithiol	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33745	Thorin
33154	Dithizone	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)	33825	Xylenol orange, tetrasodium salt
32502	8-Hydroxyquinoline	32672	Pyrocatechol violet		
		33606	Rubeanic acid		

1.3.8. Boron

33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33111	Chromotropic acid	33510	1,10-Phenanthroline
33337	Carminic acid	33189	Curcumin	33714	1,2,5,8-Tetrahydroxyanthraquinone
		33194	1,1'-Dianthrimide	33758	Tetraphenylarsonium chloride monohydrate
		33440	D(-)-Mannitol		
		33413	Morin		

1.3.9. Cadmium

33005	Acetylacetone	32502	8-Hydroxyquinoline	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)
33016	2-Aminobenzoic acid	34549	IDRANAL® III	33101	Quinaldic acid
32304	Ammonium oxalate	34588	IDRANAL® IV	33601	Reinecke salt
33155	2,2'-Bipyridine	34596	IDRANAL® VI	31465	Sodium diethyldithiocarbamate trihydrate
33185	Cadion	33403	2-Mercaptobenzothiazole	33758	Tetraphenylarsonium chloride monohydrate
33344	Cupferron	33417	β-Naphthoquinoline	33721	Thioacetamide
33190	Diethylammonium diethyldithiocarbamate	33477	2-Nitrophenol-4-arsonic acid	33718	Thionalide
33152	Diphenylcarbazide	33506	Oxalic acid dihydrate	33717	Thiourea
33156	Dithiol	33510	1,10-Phenanthroline		
33154	Dithizone	33553	Pyridine		

1.3.10. Calcium

32612	Alizarin (C. I. No. 58000, S. No. 1141)	32751	Eriochrome black T	33460	Methyl thymol blue
32304	Ammonium oxalate	34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	33414	Murexide
33086	Arsenazo III	33255	Glyoxal-bis-(2-hydroxyanil)	33506	Oxalic acid dihydrate
33035	Aurin tricarboxylic acid ammonium salt	32502	8-Hydroxyquinoline	33536	Picrolonic acid
33170	Calcein	34549	IDRANAL® III	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33264	Calcon®	34588	IDRANAL® IV	33432	Sodium rhodizonate
33843	Cellulose HYPHAN	34596	IDRANAL® VI	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33176	Chloranilic acid	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid		

1.3.11. Cerium

33086	Arsenazo III	32502	8-Hydroxyquinoline	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33035	Aurin tricarboxylic acid ammonium salt	32723	Methylene blue <i>EO</i> at pH 7 + 0,01 volt, <i>rH</i> 13,5—15,5	33726	o-Tolidine hydrochloride
33344	Cupferron	33510	1,10-Phenanthroline	33766	Tributyl phosphate
34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	33515	1,10-Phenanthroline chloride		

1.3.12. Cesium

33107	Caesignost®	33322	Kalignost®
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1.3.13. Chlorate

33029	Aniline	33443	Nitron	33726	o-Tolidine hydrochloride
34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt				

1.3.14. Chlorine

33176	Chloranilic acid	33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33553	Pyridine
33137	N,N-Dimethyl-p-phenylenediamine dihydrochloride	33154	Dithizone	33725	Titan yellow
				33726	o-Tolidine hydrochloride

1.3.15. Chromium

33005	Acetylacetone	33193	o-Dianisidine	32502	8-Hydroxyquinoline
33108	Chrome azurol S for determination of fluoride colour change: pink—reddish-violet	33152	Diphenylcarbazide	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33111	Chromotropic acid	34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	33761	Trioctylphosphine oxide
		33199	8-Hydroxyquinoline		

1.3.16. Cobalt

33005	Acetylacetone	33134	Dimethylglyoxime disodium salt octahydrate	32502	8-Hydroxyquinoline
33016	2-Aminobenzoic acid	33156	Dithiol	34539	IDRANAL® I
33843	Cellulose HYPHAN	33154	Dithizone	34540	IDRANAL® II
33190	Diethylammonium diethyldithiocarbamate	34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	34549	IDRANAL® III
33133	Dimethylglyoxime			34596	IDRANAL® VI
				33417	β-Naphthoquinoline

33453 1-Nitrosonaphthol-(2)
 33451 2-Nitrosonaphthol-(1)
 33479 Nitroso R salt
 33506 Oxalic acid dihydrate
 33553 Pyridine
 33579 1-(2-Pyridylazo)naphthol-(2) (PAN)

33580 4-(2-Pyridylazo)-resorcinol
 monosodium salt (PAR)
 32634 Rhodamine B
 33606 Rubeanic acid
 31465 Sodium diethyldithiocarbamate
 trihydrate

33758 Tetraphenylarsonium chloride
 monohydrate
 33760 1-[Thenoyl-(2')]-3,3,3-
 trifluoroacetone
 33721 Thioacetamide
 33766 Tributyl phosphate
 33762 $\alpha, \alpha', \alpha''$ -Tripyridyl

1.3.17. Copper

33005 Acetylacetone
 33016 2-Aminobenzoic acid
 33035 Aurin tricarboxylic acid
 ammonium salt
 33087 Bathocuproin
 33088 Bathocuproin disulphonic acid
 disodium salt
 33049 α -Benzoinoxime
 33054 N-Benzoyl-N-
 phenylhydroxylamine
 33155 2,2'-Bipyridine
 33091 Bismuthiol I dipotassium salt
 33843 Cellulose HYPHAN
 33344 Cupferron
 33188 Cuproin
 33190 Diethylammonium
 diethyldithiocarbamate
 33132 5-(4-Dimethylaminobenzylidene)-
 rhodanine
 33133 Dimethylglyoxime

33152 Diphenylcarbazide
 33153 Diphenylcarbazone for
*determination of cyanide colour
 change: red—blue-violet*
 33154 Dithizone
 32502 8-Hydroxyquinoline
 34539 IDRANAL® I
 34540 IDRANAL® II
 34588 IDRANAL® IV
 34596 IDRANAL® VI
 31320 Lead diethyl dithiocarbamate
 33403 2-Mercaptobenzothiazole
 33460 Methyl thymol blue
 33473 Neocupferron
 33466 Neocuproin
 33467 Neocuproin hydrochloride
 33453 1-Nitrosonaphthol-(2)
 33504 Oxalic acid-bis-(cyclohexylidene
 hydrazide)

33510 1,10-Phenanthroline
 33553 Pyridine
 33579 1-(2-Pyridylazo)naphthol-(2) (PAN)
 33580 4-(2-Pyridylazo)-resorcinol
 monosodium salt (PAR)
 32672 Pyrocatechol violet
 33101 Quinaldic acid
 33606 Rubeanic acid
 33608 Salicylaldoxime
 31465 Sodium diethyldithiocarbamate
 trihydrate
 33760 1-[Thenoyl-(2')]-3,3,3-
 trifluoroacetone
 33718 Thionalide
 33720 Thiosemicarbazide
 33726 o-Tolidine hydrochloride
 33729 Triethanolamine
 33825 Xylenol orange, tetrasodium salt
 33826 Zincon

1.3.18. Cyanide

31224 Chloramine T
 33176 Chloranilic acid
 33132 5-(4-Dimethylaminobenzylidene)-
 rhodanine

33133 Dimethylglyoxime
 34531 Ferroin solution EO in H₂SO₄
 1 mol/l + 1,06 volt

33515 1,10-Phenanthroline chloride
 33553 Pyridine

1.3.19. Fluoride

33010 Alizarin S pH range yellow 4,3—
 6,3 violet for determination of
*ironcyanide, molybdate,
 zirconium, fluoride colour change:
 yellow—pink*
 33082 3-Aminomethylalizarin-N,N-
 diacetic acid dihydrate

33035 Aurin tricarboxylic acid
 ammonium salt
 33108 Chrome azurol S for
*determination of fluoride colour
 change: pink—reddish-violet*
 33111 Chromotropic acid
 32752 Eriochrome cyanine

32502 8-Hydroxyquinoline
 32503 7-Iodo-8-hydroxyquinoline-5-
 sulphonic acid
 33414 Murexide
 33619 5-Sulphosalicylic acid dihydrate
 33764 Triphenyltin chloride

1.3.20. Gallium

33005 Acetylacetone
 32612 Alizarin (C. I. No. 58000, S. No.
 1141)
 33035 Aurin tricarboxylic acid
 ammonium salt
 32741 Brilliant green
 33264 Calcon®
 33337 Carminic acid
 32675 Crystal violet
 33344 Cupferron

33190 Diethylammonium
 diethyldithiocarbamate
 32752 Eriochrome cyanine
 32502 8-Hydroxyquinoline
 34540 IDRANAL® II
 34549 IDRANAL® III
 32745 Malachite green
 33413 Morin
 33579 1-(2-Pyridylazo)naphthol-(2) (PAN)

33580 4-(2-Pyridylazo)-resorcinol
 monosodium salt (PAR)
 32672 Pyrocatechol violet
 32634 Rhodamine B
 31465 Sodium diethyldithiocarbamate
 trihydrate
 33714 1,2,5,8-
 Tetrahydroxyanthraquinone
 33825 Xylenol orange, tetrasodium salt

1.3.21. Germanium

33194 1,1'-Dianthrime
 33153 Diphenylcarbazone for
*determination of cyanide colour
 change: red—blue-violet*
 33156 Dithiol

32502 8-Hydroxyquinoline
 33413 Morin
 33417 β -Naphthoquinoline
 33469 4-Nitropyrocatechol

33598 Phenylfluoron
 33714 1,2,5,8-
 Tetrahydroxyanthraquinone

1.3.22. Gold

33034	L(+) -Ascorbic acid	32745	Malachite green	33602	Resorcinol
33158	5-(4-Diethylaminobenzylidene)-rhodanine	33403	2-Mercaptobenzothiazole	32634	Rhodamine B
33132	5-(4-Dimethylaminobenzylidene)-rhodanine	32723	Methylene blue EO at pH 7 + 0,01 volt, rH 13,5—15,5	31465	Sodium diethyldithiocarbamate trihydrate
33133	Dimethylglyoxime	32678	Methyl violet 6 B	33758	Tetraphenylarsonium chloride monohydrate
33154	Dithizone	33426	Naphthylamine-(1)	33718	Thionalide
34531	Ferroin solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33506	Oxalic acid dihydrate	33726	o-Tolidine hydrochloride
		33601	Reinecke salt		

1.3.23. Hafnium

33086	Arsenazo III	33344	Cupferron	32782	Quercetin dihydrate
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1.3.24. Indium

33005	Acetylacetone	33190	Diethylammonium diethyldithiocarbamate	33460	Methyl thymol blue
32612	Alizarin (C. I. No. 58000, S. No. 1141)	33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33413	Morin
33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33154	Dithizone	33553	Pyridine
33035	Aurin tricarboxylic acid ammonium salt	33233	Hexamethylenetetramine	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33264	Calcon®	33199	8-Hydroxyquinaldine	32672	Pyrocatechol violet
33344	Cupferron	32502	8-Hydroxyquinoline	31465	Sodium diethyldithiocarbamate trihydrate
		34540	IDRANAL® II	33714	1,2,5,8-Tetrahydroxyanthraquinone
		34549	IDRANAL® III	33825	Xylenol orange, tetrasodium salt

1.3.25. Iodine

34531	Ferroin solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33443	Nitron	33726	o-Tolidine hydrochloride
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1.3.26. Iridium

33112	Cinchonine hydrochloride dihydrate	33403	2-Mercaptobenzothiazole	33758	Tetraphenylarsonium chloride monohydrate
34540	IDRANAL® II	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33718	Thionalide
34549	IDRANAL® III	31465	Sodium diethyldithiocarbamate trihydrate	33717	Thiourea
32745	Malachite green			33766	Tributyl phosphate

1.3.27. Iron

33005	Acetylacetone	33199	8-Hydroxyquinaldine	32672	Pyrocatechol violet
33016	2-Aminobenzoic acid	32502	8-Hydroxyquinoline	33101	Quinaldic acid
33034	L(+) -Ascorbic acid	34549	IDRANAL® III	33606	Rubeanic acid
33089	Bathophenanthroline	34588	IDRANAL® IV	33608	Salicylaloxime
33090	Bathophenanthroline disulphonic acid disodium salt	34596	IDRANAL® VI	31465	Sodium diethyldithiocarbamate trihydrate
33047	Benzoic acid	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	33619	5-Sulphosalicylic acid dihydrate
33155	2,2'-Bipyridine	33333	Kojic acid	33758	Tetraphenylarsonium chloride monohydrate
33843	Cellulose HYPHAN	33460	Methyl thymol blue	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33111	Chromotropic acid	33413	Morin	33721	Thioacetamide
33344	Cupferron	33473	Neocupferron	33724	Tiron
33188	Cuproin	33453	1-Nitrosonaphthol-(2)	33761	Trioctylphosphine oxide
33190	Diethylammonium diethyldithiocarbamate	33479	Nitroso R salt	33762	α,α',α''-Tripyridyl
33133	Dimethylglyoxime	33515	1,10-Phenanthroline chloride	33825	Xylenol orange, tetrasodium salt
33152	Diphenylcarbazide	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		
34531	Ferroin solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)		

1.3.28. Lanthanides

33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33085	Arsenazo I	33344	Cupferron
		33086	Arsenazo III	33188	Cuproin
		33843	Cellulose HYPHAN	32502	8-Hydroxyquinoline

1.3.29. Lead

33005	Acetylacetone	33154	Dithizone
33016	2-Aminobenzoic acid	34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt
33091	Bismuthiol I dipotassium salt	32502	8-Hydroxyquinoline
33337	Carminic acid	34539	IDRANAL® I
33843	Cellulose HYPHAN	34549	IDRANAL® III
33176	Chloranilic acid	34588	IDRANAL® IV
33344	Cupferron	33403	2-Mercaptobenzothiazole
33190	Diethylammonium diethyldithiocarbamate	33413	Morin
33152	Diphenylcarbazide	33536	Picrolonic acid
33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)

33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33608	Salicylaldoxime
31465	Sodium diethyldithiocarbamate trihydrate
33432	Sodium rhodizonate
33760	1-[Thenoyl-(2')]-3,3,3- trifluoroacetone
33721	Thioacetamide
33718	Thionalide
33717	Thiourea

1.3.30. Lithium

32502	8-Hydroxyquinoline	33745	Thorin
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1.3.31. Magnesium

32304	Ammonium oxalate	32752	Eriochrome cyanine	32672	Pyrocatechol violet
33170	Calcein	32502	8-Hydroxyquinoline	33714	1,2,5,8- Tetrahydroxyanthraquinone
31822	Calmagite	34549	IDRANAL® III	33748	1,4-Tetrahydroxybenzoquinone dihydrate
33189	Curcumin	34596	IDRANAL® VI	33725	Titan yellow
33152	Diphenylcarbazide	33460	Methyl thymol blue	33900	Tropaeolin 00 <i>pH-range</i> red 1,0— 2,8 yellow
33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33413	Morin	33825	Xylenol orange, tetrasodium salt
32751	Eriochrome black T	33506	Oxalic acid dihydrate		
		33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		

1.3.32. Manganese

33016	2-Aminobenzoic acid	34540	IDRANAL® II	31465	Sodium diethyldithiocarbamate trihydrate
33093	Benzhydroxamic acid	34549	IDRANAL® III	33758	Tetraphenylarsonium chloride monohydrate
33190	Diethylammonium diethyldithiocarbamate	34588	IDRANAL® IV	33760	1-[Thenoyl-(2')]-3,3,3- trifluoroacetone
34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	34596	IDRANAL® VI	33726	o-Tolidine hydrochloride
33197	Formaldoxime	32745	Malachite green	33729	Triethanolamine
32502	8-Hydroxyquinoline	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		
		33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)		

1.3.33. Mercury

32612	Alizarin (C. I. No. 58000, S. No. 1141)	33152	Diphenylcarbazide	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)
33010	Alizarin S <i>pH range</i> yellow 4,3— 6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33016	2-Aminobenzoic acid	33156	Dithiol	33601	Reinecke salt
33034	L(+)-Ascorbic acid	33154	Dithizone	33606	Rubeanic acid
33185	Cadion	33233	Hexamethylenetetramine	31465	Sodium diethyldithiocarbamate trihydrate
33111	Chromotropic acid	32502	8-Hydroxyquinoline	33758	Tetraphenylarsonium chloride monohydrate
33344	Cupferron	34540	IDRANAL® II	33721	Thioacetamide
33190	Diethylammonium diethyldithiocarbamate	34549	IDRANAL® III	33718	Thionalide
33132	5-(4-Dimethylaminobenzylidene)- rhodanine	33322	Kalignost®	33717	Thiourea
		33403	2-Mercaptobenzothiazole	33826	Zincon
		33460	Methyl thymol blue		

1.3.34. Molybdenum

33005	Acetylacetone	34531	Ferroin solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	33598	Phenylfluoron
33049	α -Benzoinoxime	32502	8-Hydroxyquinoline	33554	Phenylhydrazinium chloride
33155	2,2'-Bipyridine	32723	Methylene blue <i>EO</i> at <i>pH</i> 7 + 0,01 volt, <i>rH</i> 13,5—15,5	31273	Potassium xanthate
33337	Carminic acid	33413	Morin	32782	Quercetin dihydrate
33176	Chloranilic acid	33453	1-Nitrosonaphthol-(2)	31465	Sodium diethyldithiocarbamate trihydrate
33344	Cupferron			33724	Tiron
33156	Dithiol				

1.3.35. Nickel

33016	2-Aminobenzoic acid	32502	8-Hydroxyquinoline	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33155	2,2'-Bipyridine	34539	IDRANAL® I	33606	Rubeanic acid
33843	Cellulose HYPHAN	34549	IDRANAL® III	31465	Sodium diethyldithiocarbamate trihydrate
33118	1,2-Cyclohexanedionedioxime	34596	IDRANAL® VI	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33190	Diethylammonium diethyldithiocarbamate	34588	IDRANAL® IV	33721	Thioacetamide
33133	Dimethylglyoxime	33453	1-Nitrosonaphthol-(2)	33720	Thiosemicarbazide
33134	Dimethylglyoxime disodium salt octahydrate	33510	1,10-Phenanthroline	33825	Xylenol orange, tetrasodium salt
33154	Dithizone	33553	Pyridine		
33198	α -Furildioxime	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		

1.3.36. Niobium

33010	Alizarin S <i>pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink</i>	33460	Methyl thymol blue	31465	Sodium diethyldithiocarbamate trihydrate
33034	L(+)-Ascorbic acid	33413	Morin	33619	5-Sulphosalicylic acid dihydrate
33054	N-Benzoyl-N-phenylhydroxylamine	33520	Phenylarsonic acid	33714	1,2,5,8-Tetrahydroxyanthraquinone
33111	Chromotropic acid	33598	Phenylfluoron	33758	Tetraphenylarsonium chloride monohydrate
33344	Cupferron	33539	Propanol-(2)	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
32767	Eriochrome blue-black B	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33724	Tiron
32502	8-Hydroxyquinoline	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)	33825	Xylenol orange, tetrasodium salt
		32101	Pyrocatechol		
		32672	Pyrocatechol violet		

1.3.37. Nitrate

33111	Chromotropic acid	33426	Naphthylamine-(1)	33443	Nitron
33163	2,6-Dimethylphenol	33461	N-(1-Naphthyl)-ethylenediammonium dichloride	31493	Sodium salicylate
33149	Diphenylamine			33618	Sulphanilic acid
33259	4-Fluorophenol				

1.3.38. Nitrite

33426	Naphthylamine-(1)	33474	Nitrin	33618	Sulphanilic acid
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1.3.39. Osmium

33016	2-Aminobenzoic acid	33606	Rubeanic acid	33718	Thionalide
33152	Diphenylcarbazide	33758	Tetraphenylarsonium chloride monohydrate	33717	Thiourea
33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)				

1.3.40. Palladium

33155	2,2'-Bipyridine	33198	α -Furildioxime	33101	Quinaldic acid
33091	Bismuthiol I dipotassium salt	32502	8-Hydroxyquinoline	33606	Rubeanic acid
33118	1,2-Cyclohexanedionedioxime	34539	IDRANAL® I	33608	Salicylaldoxime
33158	5-(4-Diethylaminobenzylidene)-rhodanine	33403	2-Mercaptobenzothiazole	31465	Sodium diethyldithiocarbamate trihydrate
33132	5-(4-Dimethylaminobenzylidene)-rhodanine	33478	4-Nitroso-N,N-dimethylaniline	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33133	Dimethylglyoxime	33453	1-Nitrosonaphthol-(2)	33718	Thionalide
33134	Dimethylglyoxime disodium salt octahydrate	33451	2-Nitrosonaphthol-(1)	33717	Thiourea
33154	Dithizone	33479	Nitroso R salt	33825	Xylenol orange, tetrasodium salt
34531	Ferroun solution <i>EO in H₂SO₄ 1 mol/l + 1,06 volt</i>	33515	1,10-Phenanthroline chloride		
		33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		
		33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)		

1.3.41. Perchlorate

32741	Brilliant green	32723	Methylene blue <i>EO at pH 7 + 0,01 volt, rH 13,5—15,5</i>	33758	Tetraphenylarsonium chloride monohydrate
32675	Crystal violet				
32745	Malachite green	33443	Nitron		

1.3.42. Phosphate

33017	1-Amino-2-hydroxy-4-naphthalenesulphonic acid	33178	Chloranilic acid lanthanum salt	32502	8-Hydroxyquinoline
33034	L(+)-Ascorbic acid	34531	Ferroun solution <i>EO</i> in H_2SO_4 1 mol/l + 1,06 volt	32610	Safranin T <i>EO</i> at pH 7 — 0,29 volt, rH 4—7,5

1.3.43. Platinum

33016	2-Aminobenzoic acid	33154	Dithizone	33758	Tetraphenylarsonium chloride monohydrate
33112	Cinchonine hydrochloride dihydrate	32502	8-Hydroxyquinoline	33718	Thionalide
33190	Diethylammonium diethyldithiocarbamate	33403	2-Mercaptobenzothiazole	33720	Thiosemicarbazide
33132	5-(4-Dimethylaminobenzylidene)-rhodanine	33606	Rubeanic acid		
		31465	Sodium diethyldithiocarbamate trihydrate		

1.3.44. Potassium

33194	1,1'-Dianthrimide	33168	Dipicrylamine	33322	Kalignost®
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1.3.45. Rhenium

33133	Dimethylglyoxime	33443	Nitron	33619	5-Sulphosalicylic acid dihydrate
33152	Diphenylcarbazine	32610	Safranin T <i>EO</i> at pH 7 — 0,29 volt, rH 4—7,5	33758	Tetraphenylarsonium chloride monohydrate
33156	Dithiol	31465	Sodium diethyldithiocarbamate trihydrate	33717	Thiourea
33198	α -Furildioxime				
32678	Methyl violet 6 B				

1.3.46. Rhodium

33193	o-Dianisidine	33403	2-Mercaptobenzothiazole	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33478	4-Nitroso-N,N-dimethylaniline	33765	2-Thiobarbituric acid
33156	Dithiol	33453	1-Nitronaphthol-(2)	33718	Thionalide
32502	8-Hydroxyquinoline	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		
34540	IDRANAL® II	31465	Sodium diethyldithiocarbamate trihydrate		

1.3.47. Rubidium

33194	1,1'-Dianthrimide	33322	Kalignost®
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1.3.48. Ruthenium

33005	Acetylacetone	33460	Methyl thymol blue	33718	Thionalide
33016	2-Aminobenzoic acid	33510	1,10-Phenanthroline	33717	Thiourea
33089	Bathophenanthroline	33515	1,10-Phenanthroline chloride	33825	Xylenol orange, tetrasodium salt
32502	8-Hydroxyquinoline	33606	Rubeanic acid		

1.3.49. Scandium

33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33035	Aurin tricarboxylic acid ammonium salt	32502	8-Hydroxyquinoline
		33337	Carminic acid	33413	Morin
		33255	Glyoxal-bis-(2-hydroxyanil)	33714	1,2,5,8-Tetrahydroxyanthraquinone

1.3.50. Selenium

33034	L(+)-Ascorbic acid	33154	Dithizone	31465	Sodium diethyldithiocarbamate trihydrate
33091	Bismuthiol I dipotassium salt	32723	Methylene blue <i>EO</i> at pH 7 + 0,01 volt, rH 13,5—15,5	33717	Thiourea
33194	1,1'-Dianthrimide				
33190	Diethylammonium diethyldithiocarbamate				

1.3.51. Silver

33016	2-Aminobenzoic acid	33133	Dimethylglyoxime	33510	1,10-Phenanthroline
33155	2,2'-Bipyridine	33156	Dithiol	33553	Pyridine
33111	Chromotropic acid	33154	Dithizone	33606	Rubeanic acid
32675	Crystal violet	32502	8-Hydroxyquinoline	31465	Sodium diethyldithiocarbamate trihydrate
33158	5-(4-Diethylaminobenzylidene)-rhodanine	34549	IDRANAL® III	33718	Thionalide
33190	Diethylammonium diethyldithiocarbamate	33322	Kalignost®	33720	Thiosemicarbazide
33132	5-(4-Dimethylaminobenzylidene)-rhodanine	33403	2-Mercaptobenzothiazole		
		33453	1-Nitrosonaphthol-(2)		

1.3.52. Sodium

31697	Uranyl acetate dihydrate	31698	Uranyl acetate dihydrate	31636	Uranyl acetate dihydrate
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1.3.53. Strontium

33176	Chloranilic acid	33536	Picrolonic acid	33432	Sodium rhodizonate
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1.3.54. Sulphate

33010	Alizarin S <i>pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink</i>	33137	N,N-Dimethyl-p-phenylenediamine dihydrochloride	33714	1,2,5,8-Tetrahydroxyanthraquinone
		33152	Diphenylcarbazide	33748	1,4-Tetrahydroxybenzoquinone dihydrate
33177	Chloranilic acid barium salt trihydrate	33432	Sodium rhodizonate	33745	Thorin

1.3.55. Sulphide

33137	N,N-Dimethyl-p-phenylenediamine dihydrochloride	32307	Lead acetate trihydrate	32723	Methylene blue <i>EO at pH 7 + 0,01 volt, rH 13,5—15,5</i>
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1.3.56. Tantalum

33054	N-Benzoyl-N-phenylhydroxylamine	32502	8-Hydroxyquinoline	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
32741	Brilliant green	32678	Methyl violet 6 B	32101	Pyrocatechol
32675	Crystal violet	33413	Morin	32672	Pyrocatechol violet
33344	Cupferron	33520	Phenylarsonic acid	32634	Rhodamine B
		33598	Phenylfluoron		

1.3.57. Tellurium

33092	Bismuthiol II	31465	Sodium diethyldithiocarbamate trihydrate	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33190	Diethylammonium diethyldithiocarbamate	33758	Tetraphenylarsonium chloride monohydrate	33717	Thiourea
33154	Dithizone				
33553	Pyridine				

1.3.58. Thallium

33034	L(+) -Ascorbic acid	33403	2-Mercaptobenzothiazole	33619	5-Sulphosalicylic acid dihydrate
32741	Brilliant green	32624	Methyl orange <i>pH range red 3,1—4,4 yellow-orange</i>	33758	Tetraphenylarsonium chloride monohydrate
32675	Crystal violet	32678	Methyl violet 6 B	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33344	Cupferron	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33721	Thioacetamide
33190	Diethylammonium diethyldithiocarbamate	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)	33718	Thionalide
33168	Dipicrylamine	33601	Reinecke salt	33717	Thiourea
33154	Dithizone	32634	Rhodamine B	33726	o-Tolidine hydrochloride
32502	8-Hydroxyquinoline	33606	Rubeanic acid	33825	Xylenol orange, tetrasodium salt
34540	IDRANAL® II	31465	Sodium diethyldithiocarbamate trihydrate		
34549	IDRANAL® III				
33322	Kalignost®				

1.3.59. Thorium

33005	Acetylacetone	33344	Cupferron	33536	Picrolonic acid
32612	Alizarin (C. I. No. 58000, S. No. 1141)	33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	32672	Pyrocatechol violet
33010	Alizarin S pH range yellow 4,3—zirconium, fluoride colour change: yellow—pink	32751	Eriochrome black T	32782	Quercetin dihydrate
33016	2-Aminobenzoic acid	32502	8-Hydroxyquinoline	33101	Quinaldic acid
32304	Ammonium oxalate	34549	IDRANAL® III	33714	1,2,5,8-Tetrahydroxyanthraquinone
33085	Arsenazo I	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33086	Arsenazo III	33460	Methyl thymol blue	33745	Thorin
33035	Aurin tricarboxylic acid ammonium salt	33413	Morin	33766	Tributyl phosphate
33047	Benzoic acid	33506	Oxalic acid dihydrate	33762	$\alpha, \alpha', \alpha''$ -Tripyridyl
31822	Calmagite	33520	Phenylarsonic acid	33825	Xylenol orange, tetrasodium salt

1.3.60. Tin

33054	N-Benzoyl-N-phenylhydroxylamine	33413	Morin	33714	1,2,5,8-Tetrahydroxyanthraquinone
32675	Crystal violet	33477	2-Nitrophenol-4-arsonic acid	33758	Tetraphenylarsonium chloride Monohydrate
33344	Cupferron	33520	Phenylarsonic acid	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33133	Dimethylglyoxime	33598	Phenylfluoron	33721	Thioacetamide
33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33536	Picrolonic acid	33718	Thionalide
33156	Dithiol	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33717	Thiourea
33154	Dithizone	32672	Pyrocatechol violet	33761	Trioctylphosphine oxide
32502	8-Hydroxyquinoline	31465	Sodium diethyldithiocarbamate trihydrate		

1.3.61. Titanium

33005	Acetylacetone	33111	Chromotropic acid	32101	Pyrocatechol
33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33344	Cupferron	32672	Pyrocatechol violet
33034	L(+)-Ascorbic acid	32502	8-Hydroxyquinoline	31465	Sodium diethyldithiocarbamate trihydrate
33054	N-Benzoyl-N-phenylhydroxylamine	34549	IDRANAL® III	33619	5-Sulphosalicylic acid dihydrate
		33460	Methyl thymol blue	33724	Tiron
		33413	Morin	33825	Xylenol orange, tetrasodium salt
		33579	1-(2-Pyridylazo)naphthol-(2) (PAN)		

1.3.62. Tungsten

33344	Cupferron	32502	8-Hydroxyquinoline	32634	Rhodamine B
33156	Dithiol	33413	Morin	33766	Tributyl phosphate

1.3.63. Uranium

33005	Acetylacetone	33190	Diethylammonium diethyldithiocarbamate	32782	Quercetin dihydrate
33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	34531	Ferriin solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33101	Quinaldic acid
33016	2-Aminobenzoic acid	33255	Glyoxal-bis-(2-hydroxyanil)	32634	Rhodamine B
33085	Arsenazo I	32502	8-Hydroxyquinoline	31465	Sodium diethyldithiocarbamate trihydrate
33086	Arsenazo III	34540	IDRANAL® II	33619	5-Sulphosalicylic acid dihydrate
33034	L(+)-Ascorbic acid	34549	IDRANAL® III	33714	1,2,5,8-Tetrahydroxyanthraquinone
33035	Aurin tricarboxylic acid ammonium salt	33460	Methyl thymol blue	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33093	Benzhydroxamic acid	33413	Morin	33745	Thorin
33047	Benzoic acid	33453	1-Nitrosonaphthol-(2)	33724	Tiron
33264	Calcon®	33506	Oxalic acid dihydrate	33766	Tributyl phosphate
33337	Carminic acid	33515	1,10-Phenanthroline chloride	33761	Trioctylphosphine oxide
33111	Chromotropic acid	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)	33825	Xylenol orange, tetrasodium salt
33344	Cupferron	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)		

1.3.64. Vanadium

33005	Acetylacetone	33135	3,3'-Dimethylnaphthidine	33453	1-Nitrosonaphthol-(2)
33093	Benzhydroxamic acid	33184	N,N'-Diphenylbenzidine	33515	1,10-Phenanthroline chloride
33049	α -Benzoinoxime	34531	Ferroun solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)
33054	N-Benzoyl-N-phenylhydroxylamine	33197	Formaloxime	31465	Sodium diethyldithiocarbamate trihydrate
33344	Cupferron	32502	8-Hydroxyquinoline	33619	5-Sulphosalicylic acid dihydrate
33193	o-Dianisidine	32503	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33133	Dimethylglyoxime	33413	Morin	33766	Tributyl phosphate
33134	Dimethylglyoxime disodium salt octahydrate				

1.3.65. Yttrium

33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33085	Arsenazo I	32672	Pyrocatechol violet
		33086	Arsenazo III	33766	Tributyl phosphate
		32502	8-Hydroxyquinoline	33761	Triethylphosphine oxide

1.3.66. Zinc

33005	Acetylacetone	34588	IDRANAL® IV	31465	Sodium diethyldithiocarbamate trihydrate
33016	2-Aminobenzoic acid	34596	IDRANAL® VI	33758	Tetraphenylarsonium chloride monohydrate
33190	Diethylammonium diethyldithiocarbamate	33333	Kojic acid	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
33122	N,N-Diethylaniline	33413	Morin	33717	Thiourea
33135	3,3'-Dimethylnaphthidine	33600	Picric acid	33825	Xylenol orange, tetrasodium salt
33154	Dithizone	32672	Pyrocatechol violet	33826	Zincon
32502	8-Hydroxyquinoline	33101	Quinaldic acid		
34539	IDRANAL® I	33602	Resorcinol		
34549	IDRANAL® III				

1.3.67. Zirconium

32612	Alizarin (C. I. No. 58000, S. No. 1141)	33176	Chloranilic acid	33534	Phthalic acid
33010	Alizarin S pH range yellow 4,3—6,3 violet for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33344	Cupferron	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)
33085	Arsenazo I	32502	8-Hydroxyquinoline	32672	Pyrocatechol violet
33086	Arsenazo III	34549	IDRANAL® III	32782	Quercetin dihydrate
33094	4-Bromomandelic acid	33413	Morin	33714	1,2,5,8-Tetrahydroxyanthraquinone
33337	Carminic acid	33453	1-Nitrosonaphthol-(2)	33760	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
		33451	2-Nitrosonaphthol-(1)	33761	Triethylphosphine oxide
		33520	Phenylarsonic acid	33825	Xylenol orange, tetrasodium salt
		33598	Phenylfluoron		
		33554	Phenylhydrazinium chloride		

1.4. Solutions for analysis see under 3.

1.5. FIXANAL®-preparations and volumetric solutions

1.5.1. FIXANAL® for 1 L volumetric solution

38050	0,1 mol Acetic acid	38061	0,05 mol Iodine	38073	1 mol Potassium hydroxide solution
38051	1 mol Acetic acid	38064	¹ /128 mol Iodine	38070	0,1 mol Potassium hydroxide solution
38020	0,1 mol Ammonium thiocyanate	38065	0,005 mol Iodine	38120	¹ /60 mol Potassium iodate
38030	0,1 mol Barium chloride	38060	0,05 mol Iodine	38110	0,1 mol Potassium iodide
38040	0,05 mol Bromine	38047	0,1 mol Iron(II) sulphate	38136	¹ /500 mol Potassium permanganate
38272	0,01 mol Hydrochloric acid	38146	0,1 mol Magnesium sulphate	38130	¹ /50 mol Potassium permanganate
38289	¹ /28 mol Hydrochloric acid	38270	0,1 mol Nitric acid	38140	0,1 mol Potassium thiocyanate
38285	0,5 mol Hydrochloric acid	38274	1 mol Nitric acid	38310	0,1 mol Silver nitrate
38280	0,1 mol Hydrochloric acid	38255	0,05 mol Oxalic acid	38311	0,5 mol Silver nitrate
38282	1 mol Hydrochloric acid	38250	0,05 mol Oxalic acid	38170	0,05 mol Sodium carbonate
38287	0,2 mol Hydrochloric acid	38080	¹ /60 mol Potassium bromate	38180	0,1 mol Sodium chloride
38055	IDRANAL® A	38090	0,1 mol Potassium bromide		
38056	IDRANAL® B	38100	¹ /60 mol Potassium dichromate		
38057	0,1 mol IDRANAL® III				

38227	0,01 mol Sodium hydroxide solution	38210	0,1 mol Sodium hydroxide solution	38150	0,05 mol Sodium <i>meta</i> -arsenite
38226	0,025 mol Sodium hydroxide solution	38224	0,2 mol Sodium hydroxide solution	38308	0,005 mol Sulphuric acid
38222	$\frac{1}{28}$ mol Sodium hydroxide solution	38223	0,25 mol Sodium hydroxide solution	38306	$\frac{1}{56}$ mol Sulphuric acid
38217	0,5 mol Sodium hydroxide solution	38200	0,1 mol Sodium thiosulphate	38295	0,25 mol Sulphuric acid
38215	1 mol Sodium hydroxide solution	38243	0,01 mol Sodium thiosulphate	38294	0,5 mol Sulphuric acid
				38290	0,05 mol Sulphuric acid
				38343	0,1 mol Zinc sulphate

1.5.2. FIXANAL® for preparation of standard solutions of cations and anions

38805	10,00 g Aluminium	38870	10,00 g Cobalt	38900	10,00 g Nickel
38815	10,00 g Antimony	38875	10,00 g Copper	38905	10,00 g Nickel
38820	10,00 g Arsenic	38880	10,00 g Copper	38910	10,00 g Phosphate
38825	10,00 g Barium	38860	10,00 g Iron	38865	10,00 g Potassium
38835	10,00 g Bromide	38830	10,00 g Lead	38895	10,00 g Sodium
38840	10,00 g Cadmium	38885	10,00 g Magnesium	38935	10,00 g Sulphate
38845	10,00 g Calcium	38890	10,00 g Manganese	38945	10,00 g Zinc
38850	10,00 g Chloride	38915	10,00 g Mercury	38950	10,00 g Zinc
38855	10,00 g Chromium				

1.5.3. FIXANAL® for atomic absorption

1.5.3.1. Water-soluble products

38600	0,100 g Aluminium	38564	1,00 g Copper	38633	0,100 g Selenium
38550	1,00 g Aluminium	38625	0,100 g Gold	38573	1,00 g Selenium
38630	0,100 g Antimony	38561	1,00 g Gold	38627	0,100 g Silicon
38551	1,00 g Antimony	38605	0,100 g Iron	38575	1,00 g Silicon
38615	0,100 g Arsenic	38560	1,00 g Iron	38626	0,100 g Silver
38552	1,00 g Arsenic	38602	0,100 g Lead	38574	1,00 g Silver
38601	0,100 g Barium	38555	1,00 g Lead	38611	0,100 g Sodium
38553	1,00 g Barium	38623	0,100 g Lithium	38569	1,00 g Sodium
38631	0,100 g Beryllium	38565	1,00 g Lithium	38613	0,100 g Strontium
38554	1,00 g Beryllium	38609	0,100 g Magnesium	38576	1,00 g Strontium
38619	0,100 g Bismuth	38566	1,00 g Magnesium	38634	0,100 g Thallium
38580	1,00 g Bismuth	38610	0,100 g Manganese	38577	1,00 g Thallium
38603	0,100 g Cadmium	38567	1,00 g Manganese	38621	0,100 g Tin
38556	1,00 g Cadmium	38624	0,100 g Mercury	38583	1,00 g Tin
38604	0,100 g Calcium	38571	1,00 g Mercury	38617	0,100 g Titanium
38558	1,00 g Calcium	38632	0,100 g Molybdenum	38578	1,00 g Titanium
38628	0,100 g Cesium	38568	1,00 g Molybdenum	38581	1,00 g Tungsten
38557	1,00 g Cesium	38612	0,100 g Nickel	38620	0,100 g Tungsten
38616	0,100 g Chromium	38570	1,00 g Nickel	38618	0,100 g Vanadium
38559	1,00 g Chromium	38606	0,100 g Potassium	38579	1,00 g Vanadium
38607	0,100 g Cobalt	38562	1,00 g Potassium	38614	0,100 g Zinc
38563	1,00 g Cobalt	38629	0,100 g Rubidium	38582	1,00 g Zinc
38608	0,100 g Copper	38572	1,00 g Rubidium	38622	0,100 g Zirconium

1.5.3.2. Petrol ether-soluble products

38666	0,100 g <i>organo</i> -Barium	38667	0,100 g <i>organo</i> -Lanthanum	38668	0,100 g <i>organo</i> -Molybdenum
38651	0,100 g <i>organo</i> -Cadmium	38650	0,100 g <i>organo</i> -Lead	38662	0,100 g <i>organo</i> -Nickel
38652	0,100 g <i>organo</i> -Calcium	38658	0,100 g <i>organo</i> -Lithium	38655	0,100 g <i>organo</i> -Potassium
38653	0,100 g <i>organo</i> -Chromium	38659	0,100 g <i>organo</i> -Magnesium	38661	0,100 g <i>organo</i> -Sodium
38656	0,100 g <i>organo</i> -Cobalt	38660	0,100 g <i>organo</i> -Manganese	38663	0,100 g <i>organo</i> -Vanadium
38657	0,100 g <i>organo</i> -Copper	38665	0,100 g <i>organo</i> -Mercury	38664	0,100 g <i>organo</i> -Zinc
38654	0,100 g <i>organo</i> -Iron				

1.5.4. FIXANAL® for steel-works laboratories

38062	$\frac{1}{64}$ mol Iodine for the determination of sulphur in iron 1 ml $\hat{=}$ 0,01 % S, using a 5 g sample	38218	$\frac{1}{6,745}$ mol Sodium hydroxide solution for the determination of phosphorus in iron 1 ml $\hat{=}$ 0,01 % P, using 2 g samples	38021	0,500 g Arsenic(III) oxide + 1,5 g Sodium hydrogen carbonate for determination of manganese in iron according to H. P. Smith
38202	$\frac{1}{32}$ mol Sodium thiosulphate for the determination of sulphur in iron 1 ml $\hat{=}$ 0,01 % S, using a 5 g sample	38299	$\frac{1}{13,49}$ mol Sulphuric acid for the determination of phosphorus in iron 1 ml $\hat{=}$ 0,01 % P, using 2 g sample		

1.5.5. FIXANAL® bulk packages

38283	10 mol Hydrochloric acid	38214	10 mol Sodium hydroxide solution	38292	5 mol Sulphuric acid
38281	2 mol Hydrochloric acid	38212	2 mol Sodium hydroxide solution	38291	1,0 mol Sulphuric acid

1.5.6. FIXANAL® buffers

1.5.6.1. for 500 ml ready-for-use solution

38740	Buffer pH 1,00	38745	Buffer pH 6,00	38749	Buffer pH 10,00
38741	Buffer pH 2,00	38746	Buffer pH 7,00	38750	Buffer pH 11,00
38742	Buffer pH 3,00	38747	Buffer pH 8,00	38751	Buffer pH 12,00
38743	Buffer pH 4,00	38748	Buffer pH 9,00	38752	Buffer pH 13,00
38744	Buffer pH 5,00				

1.5.6.2. for 1 L ready-for-use- solution

38785	Buffer pH 7,2
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1.5.7. FIXANAL® buffers for amino acid analysis according to Stein and Moore

Each package contains about 2 L of concentrate which on dilution to 10 L yields a ready-for-use buffer solution of the given pH and concentration

38695	Buffer pH 2,20 (0,20 N)	38691	Buffer pH 3,28 (0,20 N)	38693	Buffer pH 4,26 (0,38 N)
38696	Buffer pH 3,25 (0,20 N)	38692	Buffer pH 4,25 (0,20 N)	38694	Buffer pH 5,28 (0,35 N)

1.5.8. Volumetric solutions

35050	Barium hydroxide solution 0,05 mol/l	35127	Potassium hydroxide solution 0,1 mol/l in ethanol	35263	Sodium hydroxide solution 0,1 mol/l
35066	Cerium(IV) sulphate solution 0,1 mol/l	35115	Potassium hydroxide solution 0,5 mol/l in ethanol	35261	Sodium hydroxide solution 0,2 mol/l
35335	Hydrochloric acid 0,1 mol/l	35112	Potassium hydroxide solution 1 mol/l in ethanol	35260	Sodium hydroxide solution 0,25 mol/l
35329	Hydrochloric acid 0,5 mol/l	35179	Potassium palmitate solution 0,1 mol/l according to <i>Blacher</i>	35257	Sodium hydroxide solution 0,5 mol/l
35328	Hydrochloric acid 1 mol/l	35186	Potassium permanganate solution 0,02 mol/l	35256	Sodium hydroxide solution 1 mol/l
35086	Indigo solution 1 ml $\hat{=}$ 0,001 g N_2O_5	35184	Potassium permanganate solution 0,2 mol/l	35254	Sodium hydroxide solution 2 mol/l
35089	Iodine solution 0,5 mol l ₂ /l 1 ml $\hat{=}$ 0,001 g N_2O_5	35375	Silver nitrate solution 0,1 mol/l	35245	Sodium thiosulphate solution 0,1 mol/l
35097	Iodine solution acc. to <i>Hanus</i> 0,1 mol lBr/l according to <i>Hanus</i>	35377	Silver nitrate solution $\frac{1}{35,5}$ mol/l	35244	Sodium thiosulphate solution 1 mol/l
35071	Iodine solution acc. to <i>Wijs</i> 0,1 mol lCl/l according to <i>Wijs</i>	35366	Soap solution according to <i>Boutron and Boudet</i>	35358	Sulphuric acid 0,05 mol/l
35090	Iodine solution 0,05 mol l ₂ /l	35368	Soap solution according to <i>Clark</i>	35357	Sulphuric acid 0,1 mol/l
35202	Lactic acid solution 1 mol/l	35370	Soap solution according to <i>Pellet</i>	35355	Sulphuric acid 0,25 mol/l
35295	Oxalic acid solution 0,5 mol/l			35354	Sulphuric acid 0,5 mol/l
35157	Potassium chromate solution $\frac{1}{30}$ mol/l				

1.6. IDRANAL®, reagents for complexometry

1.6.1. Reagents and reagent solutions for metal titrations

34539	IDRANAL® I, (Nitrilotriacetic acid) R. G.	34589	IDRANAL® V, (Diethylenetriaminepentaacetic acid) R. G.	38056	IDRANAL® B, FIXANAL® (1 ml ready-for-use solution $\hat{=}$ 1 German degree of hardness in 100 ml of water) for the preparation of 1 L ready-for-use solution
34540	IDRANAL® II, (Ethylenediaminetetraacetic acid) R. G.	34596	IDRANAL® VI R. G., [Ethylene Glycolbis-(2 amine ethyl ether-) N,N,N',N'-tetraacetate]	34547	IDRANAL® A solution, IDRANAL® III solution with zinc complex added for water hardness determination, 1 ml $\hat{=}$ 5,6 German degrees of hardness in 100 ml of water
34549	IDRANAL® III, (Ethylenediaminetetraacetic acid disodium salt) R. G. Reag. Ph. Eur. I	34543	IDRANAL® 100, IDRANAL® III solution for water hardness determination, 1 ml $\hat{=}$ 1 German degree of hardness in 100 ml of water	34544	IDRANAL® B solution, IDRANAL® III solution with zinc complex added for water hardness determination, 1 ml $\hat{=}$ 1 German degree of hardness in 100 ml of water
38057	0,1 mol IDRANAL® III, FIXANAL®	38055	IDRANAL® A, FIXANAL® (1 ml ready-for-use solution $\hat{=}$ 5,6 German degrees of hardness in 100 ml of water) for the preparation of 1 L ready-for-use solution		
34550	IDRANAL® III solution 0,1 mol/l, 0,1 M solution of Ethylenediaminetetraacetic acid, disodium salt, for metal titration, volumetric solution Ph. Eur. I				
34588	IDRANAL® IV, (1,2-Diaminocyclohexanetetraacetic acid) R. G.				

34542	IDRANAL® C solution, IDRANAL® III solution with zinc complex added for water hardness determination with the measuring tube H DIN 12812, 3,73 ml $\hat{=}$ 20 German degrees of hardness in 40 ml of water	33350	Magnesium-IDRANAL®, (Ethylenediaminetetraacetic acid, dipotassium magnesium salt) R. G.	34553	Zinc-IDRANAL®, (Ethylenediaminetetraacetic acid, disodium zinc salt) R. G.
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1.6.2. Indicators for metal titration see 1.8.3.

1.7. PESTANAL®, high purity pesticides and solvents for residue analysis

1.7.1. PESTANAL® solvents see 3.4.

1.7.2. PESTANAL® substances

35874	Alachlor	35792	4,4'-DDOH	35854	Formetanate hydrochloride
35700	Aldrin	35723	4,4'-DDT	35810	Genite
35817	Alodane	35724	2,4'-DDT	35772	HCB
35837	4-Aminophenol	35888	Demeton-S-methylsulfon	35809	α -HCH
35701	Amitrole	35849	Desmetryn	35842	β -HCH
35845	Anilazine	35850	Diallate	35843	δ -HCH
35702	Atrazin	35851	Diazinon	35731	Heptachloro
35820	Azinphos-ethyl	35877	Dibrom	35770	Heptachloro epoxide
35821	Azinphos-methyl	35710	Dicamba	35812	Hexachlorophene
35703	Binapacryl	35725	Dichlobenil	35798	2-Hydroxybiphenyl
35800	Biphenyl	35891	Dichlofenthion	35903	Indolyl-3-acetic acid
35834	4-Bromoaniline	35852	Dichloran	35902	4-(3-Indolyl)-butyric acid
35704	7-Bromo-5-chloro-8-hydroxyquinoline	35829	2,4-Dichloroaniline	35732	Ioxynil
35885	Bromofenoxime	35827	3,4-Dichloroaniline	35904	Kelevan
35838	Bromophos-ethyl	35775	1,4-Dichlorobenzene	35733	Keltan (Dicofol)
35839	Bromophos-methyl	35831	3,4-Dichloronitrobenzene	35905	Lenacile
35804	Bromopyrazone	35811	2,4-Dichlorophenol	35734	Lindane
35705	Buturon	35835	2,5-Dichlorophenol	35735	Linuron
35846	Captafol	35711	Dichlorophos (DDVP)	35736	Malathion
35706	Captan	35717	Dichloroprop	35801	Maleic hydrazide
35709	Carbaryl	35718	Dichloroprop-methyl ester	35737	MCPA
35879	Carbendazime (BCM)	35719	Dieldrin	35738	MCPA-methyl ester
35898	Carboxine	35900	Dienochlor	35739	MCPB
35873	Chinomethionate	35778	Dimefox	35740	MCPB-methyl ester
35892	p-Chloranil	35720	Dimethoat	35741	Mecoprop
35890	Chlorfenvinphos mixture of <i>cis</i> and <i>trans</i> -isomers	35781	Dinobuton	35742	Mecoprop-methyl ester
35752	Chloridazone	35767	Dinoseb	35783	Medinoterb acetate
35824	3-Chloroaniline	35712	Dinoseb acetate	35855	Methidiathion
35823	4-Chloroaniline	35889	Disulfoton	35856	Methoprotetryne
35776	Chlorobenside	35721	Diuron	35789	Methoxuron
35847	Chlorodimeform	35716	2,4-D-methyl ester	35743	Methoxychloro
35848	Chlorodimeform hydrochloride	35713	DNOC	35806	Metobromuron
35708	Chlorofensone	35722	Dodin	35894	Mevinphos
35833	4-Chloro-2-methylphenol	35793	Endosulphan ($\alpha + \beta = 2 + 1$)	35744	Monolinuron
35841	Chlorooxuron	35794	Endosulphan alcohol	35819	Monuron
35826	4-Chlorophenol	35795	Endosulphan ether	35825	Naphthol-(1)
35876	Chlorophenprop-methyl	35796	Endosulphan lactone	35745	Naphthyl-(1)-acetic acid
35791	Chloroprotham	35777	Endosulphan sulphate	35746	Naphthyl-(1)-acetic acid methyl ester
35899	Chlorothalmethyl	35726	α -Endosulphane	35785	Neburon
35707	Chlorothiamide	35727	β -Endosulphane	35836	4-Nitrophenol
35788	Chlorotoluron	35728	Endrin	35906	Oxycarboxine
35805	Cycluron	35893	Ethion	35840	Paraoxon
35715	2,4-D	35853	Fenchlorphos	35747	Parathion-ethyl
35887	Dazomet	35822	Fenitrothione	35765	Parathion-methyl
35774	2,4-DB	35773	Fenson	35813	2-PCB
35771	4,4'-DBP	35729	Fentine acetate	35814	3-PCB
35769	4,4'-DDA	35883	Fentine chloride	35815	4-PCB
35844	2,4'-DDD	35884	Fentine hydroxide	35857	2,2'-PCB
35768	4,4'-DDD (TDE)	35786	Fenuron	35858	2,3-PCB
35878	2,4'-DDE	35787	Fluomethuron	35859	2,4-PCB
35766	4,4'-DDE	35730	Fluorenol	35860	2,5-PCB
35807	4,4'-DDM	35797	Fluorenol-methyl ester	35861	3,4-PCB
35818	4,4'-DDMU	35803	Folpet	35862	3,5-PCB
		35901	Fonophos		

35816	4,4'-PCB	35808	Propazine	35782	Tetrasul
35863	2,4,5-PCB	35784	Propham (IPC)	35802	Thiabendazole
35864	3,3',4,4'-PCB	35753	Quintozone	35757	2,4,5-T-methyl ester
35865	2,2',3,3',4,4',5,5',6,6'-PCB	35755	Rotenone	35760	TMTD
35895	Pentachloroaniline	35780	Simazine	35763	2,4,5-TP (Fenoprop)
35886	Pentachlorobenzene	35897	Succinic acid mono-(2,2-dimethylhydrazide)	35764	2,4,5-TP-methyl ester
35799	Pentachlorophenol	35790	Swep	35871	Triallat
35866	Perthane	35756	2,4,5-T	35872	α ,2,4-Trichloroacetophenone
35748	Phenmedipham	35779	TCA	35828	2,4,5-Trichloroaniline
35880	Phenylmercury acetate	35868	Tecnazene	35832	2,4,5-Trichlorophenol
35881	Phenylmercury chloride	35907	Telodrine	35761	Trichlorophon
35749	Piperonyl butoxide	35869	Terbutryne	35875	Trifluralin
35867	Promecarb	35870	Tetrachlorvinphos	35882	Ziram
35751	Prometryne	35759	Tetradiphon		
35908	Propachloro				

1.8. Indicators, indicator papers and reagent papers

1.8.1. Indicators for pH-determination

32653	Cresol red <i>pH range red 0,2—1,8 yellow (1st change) pH range yellow 7,0—8,8 purple (2nd change)</i>	32651	Congo red <i>pH range blue 3,0—5,2 red</i>	33605	Rosolic acid <i>pH-range yellow 6,9—8,0 red</i>
33900	Tropaeolin 00 <i>pH-range red 1,0—2,8 yellow</i>	32624	Methyl orange <i>pH range red 3,1—4,4 yellow-orange</i>	33424	α -Naphtholphthalein <i>pH-range reddish 7,3—8,7 blue</i>
32607	Metanil yellow <i>pH range violet-red 1,2—2,3 yellow</i>	32742	Bromocresol green <i>pH range yellow 3,8—5,4 blue</i>	32652	m-Cresol purple <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 7,4—9,0 purple (2nd change)</i>
32728	Thymol blue <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 8,0—9,6 blue (2nd change)</i>	33142	2,5-Dinitrophenol <i>pH range colourless 4,0—5,8 yellow</i>	33342	o-Cresolphthalein <i>pH range colourless 7,8—9,8 red</i>
32734	p-Xylenol blue <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 8,0—9,6 blue (2nd change)</i>	33010	Alizarin S <i>pH range yellow 4,3—6,3 violet</i>	32728	Thymol blue <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 8,0—9,6 blue (2nd change)</i>
32652	m-Cresol purple <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 7,4—9,0 purple (2nd change)</i>	32654	Methyl red <i>pH range red 4,4—6,2 yellow</i>	32734	p-Xylenol blue <i>pH range red 1,2—2,8 yellow (1st change) pH range yellow 8,0—9,6 blue (2nd change)</i>
33901	Quinaldine red <i>pH-range colourless 1,4—3,2</i>	33906	Ethyl red <i>pH-range red 4,5—6,5 yellow</i>	33908	Phenol violet <i>pH-range yellow 8,0—10,0 blue-violet</i>
33143	2,6-Dinitrophenol <i>pH range colourless 1,7—4,4 yellow</i>	33445	4-Nitrophenol <i>pH-range colourless 4,7—7,9 yellow</i>	33518	Phenolphthalein <i>pH-range colourless 8,2—9,8 red</i>
33141	2,4-Dinitrophenol <i>pH range colourless 2,0—4,7 yellow</i>	32644	Chlorophenol red <i>pH range yellow 4,8—6,4 red</i>	33909	Thymol violet <i>pH-range yellow-green 9,0—13,0 violet</i>
33129	4-Dimethylaminoazobenzene <i>pH range red 2,9—4,0 yellow</i>	28807	Litmus <i>pH range red 5,0—8,0 blue</i>	33723	Thymolphthalein <i>pH-range colourless 9,3—10,5 blue</i>
33902	Ethyl orange <i>pH-range red 3,0—4,5 orange</i>	32643	Bromophenol red <i>pH range yellow 5,2—6,8 purple</i>	32601	Alizarin yellow GG <i>pH range light yellow 10,0—12,1 brownish</i>
32712	Bromophenol blue <i>pH range yellow 3,0—4,6 violet</i>	32642	Bromocresol purple <i>pH range yellow 5,2—6,8 purple</i>	32602	Alizarin yellow R <i>pH range light yellow 10,0—12,1 red-brown</i>
32711	Bromochlorophenol blue <i>pH range yellow 3,0—4,6 purple</i>	32714	Bromothymol blue <i>pH range yellow 6,0—7,6 blue</i>	33912	Tropaeolin 000 No. 1 <i>pH-range yellow 11,0—13,0 red</i>
33903	Tetrabromophenol blue <i>pH-range yellow 3,0—5,0 blue</i>	32661	Phenol red <i>pH range yellow 6,4—8,2 red</i>	32663	Tropaeolin 0 <i>pH range yellow 11,1—12,7 orange-brown</i>
		33907	Brilliant yellow <i>pH-range yellow 6,4—9,4 red-orange</i>	32769	Epsilon blue <i>pH range orange 12,0—13,0 violet</i>
		33446	3-Nitrophenol <i>pH-range colourless 6,6—8,6 yellow</i>		
		32660	Neutral red <i>pH range red 6,8—8,0 yellow EO at pH 7 —0,32 volt, rH 2—4,5</i>		

1.8.2. Indicators for adsorption titration

33010	Alizarin S for determination of ironcyanide, molybdate, zirconium, fluoride colour change: yellow—pink	33922	Diiodofluorescein for determination of chloride, iodide colour change: yellow—pink	28803	Fluorescein sodium for determination of chloride, bromide, iodide colour change: green-fluorescent—pink
32642	Bromocresol purple for determination of bromide, chloride colour change: violet—blue-green	33153	Diphenylcarbazone for determination of cyanide colour change: red—blue-violet	33932	4-(4-Nitrophenylazo)-resorcinol
32712	Bromophenol blue for determination of halogenide, thiocyanate, thallium, silver colour change: light yellow—blue	32717	Eosin for determination of bromide, iodide colour change: pink—dark pink	33915	Phenosafranin for determination of chloride, bromide colour change: red—blue EO at pH 7 —0,25 volt
33108	Chrome azurol S for determination of fluoride colour change: pink—reddish-violet	33203	Erythrosin for determination of iodide colour change: pink—blue-pink	33923	Rose bengal for determination of iodide colour change: dark-pink—blue-pink
32651	Congo red red for determination of halogenide, thiocyanate colour change: blue—red	32615	Fluorescein for determination of chloride, bromide, iodide colour change: green fluorescent—pink	33925	Tartrazine for determination of silver with halogenide colour change: colourless—yellow

1.8.3. Indicators for metal titration

33010	Alizarin S	33153	Diphenylcarbazone	32747	Naphthol green B
33035	Aurin tricarboxylic acid ammonium salt	33154	Dithizone	33533	Phthalein purple
34714	AQUANAL® Mixed indicator RH package of 15 g	32751	Eriochrome black T	33579	1-(2-Pyridylazo)naphthol-(2) (PAN)
33926	Bromopyrogallol red	32767	Eriochrome blue-black B	33580	4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
33170	Calcein	32752	Eriochrome cyanine	32672	Pyrocatechol violet
33264	Calcon®	33927	Glycine cresol red	32775	Pyrogallol red
33171	Calconcarboxylic acid	33255	Glyoxal-bis-(2-hydroxyanil)	33432	Sodium rhodizonate
31822	Calmagite	36818	Indicator buffer tablets "Riedel"	33619	5-Sulphosalicylic acid dihydrate
33337	Carminic acid	36817	Indicator buffer tablets "Riedel"	33745	Thorin
33108	Chrome azurol S	33333	Kojic acid	33928	Thymolphthalexone
33135	3,3'-Dimethylnaphthidine	33460	Methyl thymol blue	33724	Tiron
33152	Diphenylcarbazide	33413	Morin	33825	Xylenol orange, tetrasodium salt
		33414	Murexide	33826	Zincon

1.8.4. Indicators for redox titration

33125	2,6-Dichlorophenolindophenol sodium salt dihydrate EO at pH 7 + 0,23 volt	33152	Diphenylcarbazide	32660	Neutral red EO at pH 7 - 0,32 volt, rH 2-4,5
33149	Diphenylamine	34531	Ferroun solution EO in H ₂ SO ₄ 1 mol/l + 1,06 volt	33515	1,10-Phenanthroline chloride
33916	Diphenylaminesulphonic acid barium salt EO in H ₂ SO ₄ 1 mol/l + 0,83 volt	33317	Indigo trisulphonate potassium salt EO at pH 7 - 0,07; rH 9,5-12	33915	Phenosafranin EO at pH 7 - 0,25 volt
33150	Diphenylaminesulphonic acid sodium salt EO in H ₂ SO ₄ 1 mol/l about + 0,83 volt, rH 27-29	33914	Methyl viologen EO at pH 7 - 0,44 volt	32610	Safranin T EO at pH 7 - 0,29 volt, rH 4-7,5
		32723	Methylene blue EO at pH 7 + 0,01 volt, rH 13,5-15,5	33719	Thionine EO at pH 7 + 0,06 volt, rH 15-17
		33918	α-Naphthoflavon		

1.8.5. Indicator solutions

32804	Alkali blue solution, DIN 51558/559, for testing lubricants (Neutralization and saponification numbers)	34576	Methyl orange solution, 0,1%, indicator Ph. Eur. I	36803	Universal indicator, "Riedel-de Haën" with colour chart and directions for use pH range 3,0-10,0
36023	Cooper's indicator (mixed), for the determination of the hardness of carbonates and carbonic acid in water	34606	Phenolphthalein solution, DIN 8106, indicator	36806	Universal indicator, "Riedel-de Haën" with colour chart and directions for use pH range 3,0-10,0
36041	Litmus solution, according to Kubel and Tiemann	34607	Phenolphthalein solution, 1%, indicator	34558	Zinc iodide-starch solution, R. G., Reag. Ph. Eur. I
		34605	Phenolphthalein solution, 2%, indicator		
		36083	Tashiro's indicator		

1.8.6. Indicator papers and reagent papers

1.8.6.1. Universal indicator papers

37026	Universal indicator paper pH 0-14, non-bleeding box of 100 strips	37040	PANPEHA® Indicator paper pH 0-14, in 24 grades box of 200 strips	37037	PEHANAL® Indicator paper pH 1-11 refill packing containing 3 rolls
37014	Universal indicator paper pH 1-11, roll with about 5 m	37035	PEHANAL® Indicator paper pH 1-11, roll with about 5 m	37080	POLYPEHA® Indicator paper pH 1-12
37015	Universal indicator paper pH 1-11 1 refill packing = 2 bags à 3 rolls				

1.8.6.2. Special indicator papers in rolls accuracy up to 0,2 pH units

37055	Special indicator paper pH 0,5-5,5, roll with about 5 m	37062	Special indicator paper pH 5,4-7,0 1 refill packing = 2 bags à 3 rolls	37069	Special indicator paper pH 8,0-10,0, roll with about 5 m
37056	Special indicator paper pH 0,5-5,5 1 refill packing = 2 bags à 3 rolls	37063	Special indicator paper pH 5,5-9,0, roll with about 5 m	37070	Special indicator paper pH 8,0-10,0 1 refill packing = 2 bags à 3 rolls
37057	Special indicator paper pH 3,8-5,8, roll with about 5 m	37064	Special indicator paper pH 5,5-9,0 1 refill packing = 2 bags à 3 rolls	37071	Special indicator paper pH 9,0-13,0, roll with about 5 m
37058	Special indicator paper pH 3,8-5,8 1 refill packing = 2 bags à 3 rolls	37065	Special indicator paper pH 6,4-8,0, roll with about 5 m	37072	Special indicator paper pH 9,0-13,0 1 refill packing = 2 bags à 3 rolls
37059	Special indicator paper pH 4,0-7,0, roll with about 5 m	37066	Special indicator paper pH 6,4-8,0 1 refill packing = 2 bags à 3 rolls	37073	Special indicator paper pH 12,0-14,0, roll with about 5 m
37060	Special indicator paper pH 4,0-7,0 1 refill packing = 2 bags à 3 rolls	37067	Special indicator paper pH 7,2-9,7, roll of about 5 m	37074	Special indicator paper pH 12,0-14,0 1 refill packing = 2 bags à 3 rolls
37061	Special indicator paper pH 5,4-7,0, roll with about 5 m	37068	Special indicator paper pH 7,2-9,7 1 refill packing = 2 bags à 3 rolls		

1.8.6.3. POLYPEHA® indicator papers in stripe accuracy up to 0,2 pH units

37082	POLYPEHA® Indicator paper pH 1,0—2,8 box of 200 strips	37081	POLYPEHA® Indicator paper pH 0,0—1,8 box of 200 strips	37086	POLYPEHA® Indicator paper pH 5,2—6,8 box of 200 strips
37083	POLYPEHA® Indicator paper pH 1,8—3,8 box of 200 strips	37091	POLYPEHA® Indicator paper pH 10,5—13,0 box of 200 strips	37093	POLYPEHA® Indicator paper pH 6,0—8,1 box of 200 strips
37084	POLYPEHA® Indicator paper pH 2,8—4,6 box of 200 strips	37080	POLYPEHA® Indicator paper pH 1—12 box of 200 strips	37088	POLYPEHA® Indicator paper pH 7,2—8,8 box of 200 strips
37085	POLYPEHA® Indicator paper pH 3,8—5,5 box of 200 strips	37092	POLYPEHA® Indicator paper pH 12,0—14,0 box of 200 strips	37090	POLYPEHA® Indicator paper pH 9,5—12,0 box of 200 strips
37089	POLYPEHA® Indicator paper pH 8,0—9,7 box of 200 strips				

1.8.6.4. Special indicator papers and reagent papers

37317	Congo paper DAB 6 box of 200 strips	37131	Litmus paper blue, roll with about 5 m	37136	Litmus paper red, roll with about 5 m
37104	Lead acetate paper 1 packing = 6 booklets of 100 strips each	37144	Litmus paper neutral 1 packing = 6 booklets of 100 strips each	37167	Phenolphthalein paper DAB 6, roll with about 5 m
37135	Litmus paper blue 1 packing = 6 booklets of 100 strips each	37141	Litmus paper red 1 packing = 6 booklets of 100 strips each	37120	Starch-potassium iodide paper 1 packing = 6 booklets of 100 strips each
				37318	Turmeric paper box of 200 strips

1.9. Buffer substances and buffer solutions

1.9.1. Buffer substances

39493	2-Amino-2-methyl-1,3-propanediol	30407	Potassium dihydrogen phosphate	30412	<i>di</i> -Sodium hydrogen phosphate-2-hydrate
31146	Boric acid	33325	Potassium hydrogen phthalate	30427	<i>di</i> -Sodium hydrogen phosphate
39305	Boric acid	32331	Potassium hydrogen tartrate	31457	Sodium tetraborate-10-hydrate
33161	5,5-Diethylbarbituric acid	32329	Potassium tetroxalate dihydrate	33742	Tris-(hydroxymethyl)-aminomethane
33226	Glycine	33456	Sodium diethylbarbiturate		
32334	Potassium dihydrogen citrate				

1.9.2. Buffer solutions

1.9.2.1. Standard buffer solutions (DIN 19226)

33592	Standard buffer solution pH 1,679 (25 °C)	33593	Standard buffer solution pH 4,008 (25 °C)	33597	Standard buffer solution pH 7,413 (25 °C)
33596	Standard buffer solution pH 3,776 (25 °C)	33594	Standard buffer solution pH 6,865 (25 °C)	33595	Standard buffer solution pH 9,180 (25 °C)

1.9.2.2. Buffer solutions, electrometrically tested

33540	Buffer solution pH 1,00	33546	Buffer solution pH 7,00	33552	Buffer solution pH 13,00
33541	Buffer solution pH 2,00	33547	Buffer solution pH 8,00	33581	Acetate buffer solution pH 4,6
33542	Buffer solution pH 3,00	33548	Buffer solution pH 9,00	33582	Ammonia buffer solution pH 10
33543	Buffer solution pH 4,00	33549	Buffer solution pH 10,00	36050	Buffer solution pH 4,62, (sodium acetate/acetic acid) according to Michaelis
33544	Buffer solution pH 5,00	33550	Buffer solution pH 11,00		
33545	Buffer solution pH 6,00	33551	Buffer solution pH 12,00		

1.9.3. FIXANAL® buffer

1.9.3.1. for 500 ml ready-for-use solution

38740	Buffer pH 1,00	38746	Buffer pH 7,00	38750	Buffer pH 11,00
38741	Buffer pH 2,00	38747	Buffer pH 8,00	38751	Buffer pH 12,00
38743	Buffer pH 4,00	38748	Buffer pH 9,00	38752	Buffer pH 13,00
38744	Buffer pH 5,00	38749	Buffer pH 10,00	38742	Buffer pH 3,00
38745	Buffer pH 6,00				

1.9.3.2. for 1 L ready-for-use solution

38785	Buffer pH 7,2
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1.9.4. FIXANAL® buffers for amino acid analysis according to Stein and Moore

Each package contains about 2 litres of concentrate which on dilution to 10 litres yields a ready-for-use buffer solution of the given pH and concentration

38695	Buffer pH 2,20 (0,20 N)	38691	Buffer pH 3,28 (0,20 N)	38693	Buffer pH 4,26 (0,38 N)
38696	Buffer pH 3,25 (0,20 N)	38692	Buffer pH 4,25 (0,20 N)	38694	Buffer pH 5,28 (0,35 N)

1.10. Products for microscopy

1.10.1. Stains

32622	Acridine orange	32675	Crystal violet	32678	Methyl violet 6 B
32703	Aniline blue	33956	Diamine light turquoise blue FBL	32722	Methylene blue
33037	Azophloxine	32647	Diamond fuchsin	32783	Methylene green
33954	Benzopurpurine 6 B	32778	Diazine green	32604	Naphthol yellow S
33077	Bis-(4-aminophenyl)-1,3,4-oxadiazole (BAO), for microscopy	32617	Eosin	33532	Phloxine
33217	Bisbenzimidazole H 33258	33203	Erythrosin	32634	Rhodamine B
33263	Bisbenzimidazole H 33342	33216	Fast garnet salt GBC	32658	Rubin S concentrated
32710	Brilliant cresyl blue	32784	Fat black	32610	Safranin T
32741	Brilliant green	32659	Fat red bluish	32704	Sudan® blue II
33078	Bromosulphaleine	33218	Fluorescein diacetate	32699	Sudan® red 7 B
32649	Carmine	33225	Fluorescein isothiocyanate	33716	Thionine
33337	Carminic acid	32674	Gentian violet	33913	Tropaeolin 000 No. 2
33955	Chromotrope 2 R	32667	Indigo carmine	32732	Variamine blue salt B
33172	Chrysoidine G	32745	Malachite green	32761	Victoria blue B
		32746	Methyl green		

1.10.2. Stain mixtures and solvents

32968	Alizarin solution 1% according to Benda	32855	Eosin methylene-blue according to May-Grünwald	32945	Methylene blue concentrated watery according to Ehrlich (Ehrlich's reagent III)
32803	Alkali blue solution according to Benda	32856	Eosin methylene-blue solution according to May-Grünwald	32934	Methylene blue solution according to Löffler
32706	Azur II	32857	Eosin methylene-blue solution according to Wright	32935	Methylene blue solution polychrome according to Unna (10 g/l)
32807	Azur eosin methylene-blue according to Giemsa	32851	Eosin methylene-blue solution DAB 6 according to Jenner, solution A: eosin solution	32938	Neisser's solutions for bacteriology, solution A: methylene blue solution (1 g/l)
32884	Azur eosin methylene-blue solution according to Giemsa	32933	Eosin methylene-blue solution DAB 6, according to Jenner, solution B: methylene blue solution	36110	Neisser's solutions for bacteriology, solution B: crystal violet solution (3,33g/l)
32708	Azur II-eosine	32845	Eosin solution 1% in water	32835	Neisser's solutions for bacteriology, solution C: chrysoidin solution (3,3 g/l)
32812	Borax carmin solution ethanolic according to Grenacher	32893	Eosin-hematoxylin solution according to Ehrlich (with alum)	32953	Picrocarmin solution according to Weigert
32902	Carbol gentian-violet solution according to Gram	32878	Fuchsin solution ethanolic, 2%	32963	Safranin solution aqueous, according to Olt
32901	Carbolfuchsin solution according to Ziehl-Neelsen	32891	Hematoxylin solution according to Boehmer (with alum)	36014	Triazide solution
32903	Carbolmethylene blue solution according to Kühne	32892	Hematoxylin solution according to Delafield (with ammonium alum)	32959	Türk's solution for leucocyte counting
32910	Carmine solution acid, alcoholic, according to Mayer	32897	Hematoxylin solution according to Weigert, solution A: hematoxylin solution (100 g/l)	32960	Vesuvine solution according to Neisser (2 g/l)
32907	Carmine solution ammoniacal according to Best	32896	Hematoxylin solution according to Weigert, solution B: lithium carbonate solution (0,8 g/l)	32956	Weigert's solution DAB 6, for colouring of the elastic fibres
36074	Dye solution according to Boroviczeny solution A: Toluidine blue-safranin-fixing solution	32922	Iodine potassium iodide solution according to Lugol		
36076	Dye solution according to Boroviczeny solution B: Eosin solution				

1.10.3. Auxiliaries

34051	Acetic acid	32905	Carbolxylene	36031	Hayem's solution
33329	Canada balsam	33811	Cedar wood oil	33483	Oil of cloves
33331	Canada balsam	33949	Eukitt® quick-hardening mounting medium	33509	Paraffin
33328	Canada balsam				

1.11. Products for scintillation

56019	ANPD	56049	Cesium iodide (<i>thallium activated</i>)	56051	Sodium iodide (<i>thallium activated</i>)
56000	Anthracene	56008	Dimethyl-POPOP	56023	<i>trans</i> -Stilbene
56007	BBOT	56016	Hyamine® 10 X	56025	p-Terphenyl
56002	BIBUQ	56018	Naphthalene	56057	TOBO
56009	Bis-MSB	56041	PBBO	56026	TPB
56042	Butyl-PBD	56021	PBD	56028	Triton® N-101
56004	Cabosil®	56014	POPOP	56029	Triton® X-100
56040	Cadmium sulphide	56013	PPO	56030	Triton® X-405
56046	Calcium fluoride (<i>europium activated</i>)	56040	Scintillation cocktail 303 E	56032	Zinc oxide
56047	Calcium tungstate	56039	Scintillation cocktail 808 E	56034	Zinc sulphide
56048	Cesium iodide (<i>sodium activated</i>)	56043	Scintillator 303	56035	Zinc sulphide
		56044	Scintillator 808		

1.12. Nematic liquid crystals see 5.

1.13. Auxiliaries for laboratory

18707	Acacia, (Gum arabic) purified powder Ph. Eur. I, B. P. 1973, Ph. Franç. IX	31409	Magnesia grooves, for pearl-tests package with 50 pieces	18649	Sea sand, hydrochloric acid washed
18701	Agar Agar, finest powder, DAB 6	31458	Magnesia grooves, for pearl-tests package with 100 pieces	31624	Sea sand, R. G. acid washed and calcined
18702	Agar Agar, shreds DAB 6	31408	Magnesia sticks, for pearl-tests package with 25 pieces	13710	Silica gel, granulation 1,5—3 mm
18605	Asbestos, acid washed	31490	Magnesia sticks, for pearl-tests package with 50 pieces	13711	Silica gel, with moisture indicator (blue gel) Reag. Ph. Eur. I
18603	Asbestos, long fibres	31491	Magnesia sticks, for pearl-tests package with 100 pieces	13745	Silica gel, with moisture indicator pearls
18604	Asbestos, powder	31419	Magnesium perchlorate	31460	Soda asbestos, for elementary analysis
33059	Brij® 35	13132	Magnesium perchlorate, (for drying)	31474	Soda lime, R. G. with indicator granular
12029	Calcium chloride, 90—95% crude powder	31811	Molecular sieve, 0,3 nm (3Å), pearl-shaped, grain-size abt. 2 mm	13464	Sodium sulphate, exsiccated chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franc. IX
31216	Calcium chloride, 84% R. G. granular	31812	Molecular sieve, 0,4 nm (4Å), pearl-shaped, grain-size abt. 2 mm	35896	Sodium sulphate, exsiccated PESTANAL®
18001	Charcoal activated, chem. pure dry	31813	Molecular sieve, 0,5 nm (5Å), pearl-shaped, grain-size abt. 2 mm	18405	Stopcock grease
18002	Charcoal activated, pure granular	18512	Paraffin, viscid DAB 8 <i>viscid</i>	30727	Sulphuric acid, on carrier for desiccators
18003	Charcoal activated, pure powder	18633	Paraffin, white, congealing range abt. 45—50 °C, block form	18654	Talc, powder Ph. Eur. I, B.P. 1973, Ph. Franç. IX, Reag. Ph. Eur. I
31616	Charcoal activated, R. G. powder	18635	Paraffin, white, congealing range abt. 55—60 °C, pastilles	63158	Tween® 20, PROSYNTH®
18008	Charcoal animal, powder	18636	Paraffin, white, congealing range abt. 68—72 °C, block form	63159	Tween® 40, PROSYNTH®
18006	Charcoal iodized, (for adsorption of mercury)	18634	Paraffin, white, DAB 8, congealing range abt. 50—55 °C, pastilles	63160	Tween® 60, PROSYNTH®
31615	Charcoal wood, blocks for blowpipe analysis package with 10 blocks	30419	Phosphorus(V) oxide, R. G., Reag. ACS, Reag. Ph. Eur. I	63161	Tween® 80, PROSYNTH®
18004	Charcoal wood, powder	04113	Phosphorus(V) oxide	63162	Tween® 85, PROSYNTH®
07404	Chromosulphuric acid, 2% CrO3	30422	Phosphorus(V) oxide, on carrier substance for desiccators	16415	Vaseline
14903	Devarda's alloy	34919	Potassium bromide SPECTRANAL®	14913	Wood's metal, melting point 75 °C
31609	Devarda's alloy, R. G. powder	65183	Propanephosphonic acid anhydride solution, 50% in dichloromethane PROSYNTH®	16416	Zapon lacquer
01703	Etching powder, (for etching glass)	31802	Pumice stone, R. G.	31664	Zinc, R. G., fine powder (zinc dust) Reag. Ph. Eur. I
15086	Ethylcellulose 7 mPa s	18643	Quartz, purified (0,002% Fe) powder	31651	Zinc, R. G., finely granulated
15085	Ethylcellulose 45 mPa s	18640	Quartz, white powder	31677	Zinc, R. G., flaky
18406	Glass beads, diameter abt. 5 mm	31623	Quartz (sand), R. G. washed and calcined	31653	Zinc, R. G., granulated, Reag. ACS, Reag. Ph. Eur. I
18421	Glass wool carton of 500 g	16109	Saponin, pure	31657	Zinc, R.G., sticks of 6 mm Ø
18422	Glass wool carton of 1 kg	16108	Saponin, purified	14472	Zinc, chem. pure (As max. 0,000015%) flaky
18423	Glass wool carton of 5 kg	18648	Sea sand, crude calcined for cleaning platinum crucibles	14401	Zinc, chem. pure (As max. 0,000015%) granulated
15553	Graphite, fine powder			14407	Zinc, chem. pure (As max. 0,000015%) rasped
64624	Hydroxyethylcellulose, PROSYNTH®			14409	Zinc, pure (As max. 0,000015%) powder
01711	Ink for glass etching plastic bottle of 250 g			14406	Zinc, pure (As max. 0,000015%) sticks of 6 mm Ø
31239	Iron(II) sulphide, sticks for preparing hydrogen sulphide				
18616	Kaolin, heavy powder Ph. Eur. I, B.P. 1973, Ph. Franç. IX				
18514	Kieselguhr, purified calcined Erg. B. 6				

2. Products for synthesis

2.1. PROSYNTH[®], chemicals for organic synthesis

2.1.1. Hydrocarbons

2.1.1.1. Aliphatic hydrocarbons

63441	Allocymene	62650	2-Hexene	62912	<i>n</i> -Octadecane
62409	Decane	65018	<i>cis</i> -2-Hexene	62914	Octadecene-(1)
62415	Decene-(1)	65019	<i>trans</i> -2-Hexene	62916	Octane
63422	Di- <i>iso</i> -butylene	65020	<i>trans</i> -3-Hexene	16514	<i>iso</i> -Octane
63827	2,2-Dimethylbutane	62652	Hexyne-(1)	16506	Octane (<i>from petroleum</i>)
63435	2,3-Dimethylbutane	62653	Hexyne-(2)	62921	Octene-(1)
60467	2,3-Dimethyl-2-butene	62654	Hexyne-(3)	63916	Octyne-(1)
64973	3,3-Dimethyl-1-butene	62791	2-Methylbutadiene-(1,3)	63917	Octyne-(2)
63442	2,4-Dimethylpentane	63880	2-Methylbutene-(1)	63918	Octyne-(3)
62587	Docosane	63638	3-Methylhexane	62923	Octyne-(4)
64068	1-Docosene	64109	7-Methyl-3-methylene-1,6-octadiene	62944	<i>n</i> -Pentadecane
63532	Dodecane	63893	3-Methylpentane	60489	<i>n</i> -Pentane
64579	1-Dodecene	63651	2-Methyl-1-pentene	16508	<i>iso</i> -Pentane
63534	Dotriacontane	65047	2-Methyl-2-pentene	16504	Pentane <i>mixture of isomers</i>
63535	Eicosane	65048	3-Methyl-1-pentene	16534	<i>n</i> -Pentane 95 %
63496	Heptadecane	65051	3-Methyl-2-pentene	62952	Pentene-(1)
63497	Heptadecene-(1)	65049	<i>cis</i> -3-Methyl-2-pentene	62953	Pentene-(2)
15677	<i>n</i> -Heptane	65050	<i>trans</i> -3-Methyl-2-pentene	62954	Pentyne-(1)
15674	Heptane	63652	4-Methyl-1-pentene	63510	Squalane
65014	3-Heptene	63653	<i>cis</i> -4-Methyl-2-pentene	63072	Tetracosane
62631	Heptyne-(1)	63654	<i>trans</i> -4-Methyl-2-pentene	63752	Tetradecane
63856	Heptyne-(3)	62905	Nonadecane	63073	1-Tetradecene
63504	Hexadecane	62906	Nonane	65098	7-Tetradecene
63505	Hexadecene-(1)	63695	1-Nonene	63797	2,4,4-Trimethylpentene-(2)
15667	Hexane	65073	4-Nonene	63140	2,4,4-Trimethylpentene-(1)
15671	<i>n</i> -Hexane	64118	Octacosane	63802	Undecane
63513	Hexatriacontane			64933	1-Undecene
62649	1-Hexene				

2.1.1.2. Alicyclic hydrocarbons

62027	Adamantane	62398	Cyclooctane	15172	Guaiazulene 25 %, <i>soluble in water (dissolved in Cremophor[®] EL)</i>
60474	Azulene	64458	1,3,5,7-Cyclooctatetraene	15182	Guaiazulene 25 %, <i>powder (on Aerosil[®])</i>
62257	Camphene	62401	Cyclooctene	62796	Methylcyclohexane
63334	Cyclododecane	63343	Cyclopentane	63625	Methylcyclopentadiene dimer
62378	<i>cis, trans, trans</i> -1,5,9-Cyclododecatriene	62405	Cyclopentene	62800	Methylcyclopentane
63977	Cyclododecene	24219	Decalin	62911	Norbornadiene-(2,5)
62379	Cycloheptane	63983	Decylcyclohexane	63728	(+)- α -Pinene
62382	1,3,5-Cycloheptatriene	62497	Dicyclopentadiene	63920	(-)- α -Pinene
62383	Cycloheptene	63828	<i>cis, trans</i> -1,2-Dimethylcyclohexane	63921	(-)- β -Pinene
62385	1,3-Cyclohexadiene	63829	<i>cis, trans</i> -1,3-Dimethylcyclohexane	24250	1,2,3,4-Tetrahydronaphthalene
62386	1,4-Cyclohexadiene	63830	<i>cis, trans</i> -1,4-Dimethylcyclohexane	63136	1,3,5-Trimethylcyclohexane
15329	Cyclohexane	15170	Guaiazulene 100 %	63174	4-Vinylcyclohexene
62392	Cyclohexene	15171	Guaiazulene 50 % (<i>dissolved in paraffin viscid</i>)		
63341	Cyclooctadiene-(1,3)				
62397	Cyclooctadiene-(1,5)				

2.1.1.3. Aromatic hydrocarbons

63193	Acenaphthene	62371	Cumene	62569	1,4-Diphenylbutadiene-(1,3)
64201	Acenaphthylene	15333	<i>p</i> -Cymene	62566	1,1-Diphenylethylene
62057	Allylbenzene	64471	1,2-Diethylbenzene	62573	Diphenylmethane
15104	Anthracene	63408	1,3-Diethylbenzene	63424	1,3-Di- <i>iso</i> -propylbenzene
24515	Benzene	63413	9,10-Dihydroanthracene	63425	1,4-Di- <i>iso</i> -propylbenzene
24519	Benzene	63842	1,2-Dimethylnaphthalene	62585	Divinylbenzene solution
63932	Benzo[α]pyrene	64555	1,3-Dimethylnaphthalene	62040	Ethylbenzene
62148	Biphenyl	63843	1,6-Dimethylnaphthalene	63482	2-Ethyl-naphthalene
62243	Butylbenzene	62251	2,3-Dimethylnaphthalene	64244	2-Ethyltoluene
62244	<i>sec</i> .-Butylbenzene	63446	2,6-Dimethylstyrene	64245	3-Ethyltoluene
62245	<i>tert</i> .-Butylbenzene	62331	Diphenylacetylene	64246	4-Ethyltoluene

63487	Fluoranthene	63903	3-Methylstyrene	63033	Pyrene
62605	Fluorene	63904	4-Methylstyrene	63054	<i>cis</i> -Stilbene
61508	3-Fluorobenzyl bromide	15801	Naphthalene	63055	Styrene
63509	Hexamethylbenzene	62956	<i>n</i> -Pentylbenzene	63083	1,2,4,5-Tetramethylbenzene
63517	Hydrindene	65137	<i>sec</i> .-Pentylbenzene	63087	Tetraphenylethylene
62686	Indene	63707	Perylene	24529	Toluene (<i>thiophene max. 0,001 %</i>)
62743	Mesitylene	62960	Phenanthrene	24526	Toluene
62780	9-Methylantracene	63191	1-Phenyldecane	63785	Tridecylbenzene
63630	4,5-Methylenephenanthrene	63192	1-Phenyldodecane	64927	1,3,5-Triisopropylbenzene
62812	1-Methylnaphthalene	62972	1-Phenylheptane	63807	2,4,6-Trimethylstyrene
62813	2-Methylnaphthalene	62973	1-Phenylhexane	63173	9-Vinylanthracene
62820	2-Methylpentane	62977	1-Phenylnonane	16449	<i>o</i> -Xylene
63811	Methylstyrene	62978	1-Phenyloctane	16453	<i>m</i> -Xylene
62836	α -Methylstyrene	63028	<i>n</i> -Propylbenzene	16469	<i>p</i> -Xylene
63902	2-Methylstyrene	15339	Pseudocumene	16446	Xylene

2.1.2. Halogen hydrocarbons

2.1.2.1. Aliphatic and alicyclic halogen hydrocarbons

62058	Allyl chloride	63066	Carbon tetrabromide	15429	<i>trans</i> -1,2-Dichloroethylene
62166	1-Bromoadamantane	24248	Carbon tetrachloride	65153	1,2-Dichloroethylene
02809	1-Bromobutane	24247	Carbon tetrachloride	62473	1,1-Dichloroethylene
60070	2-Bromobutane	15224	1-Chlorobutane	62485	1,6-Dichlorohexane
63975	1-Bromobutene-(2)	64399	<i>trans</i> -1-Chlorobutane	24233	Dichloromethane
64780	1-Bromo-2-chloroethane	63304	3-Chloro-1-butene	60135	Dichloromethane
64779	Bromochloromethane	62310	1-Chlorododecane	63389	1,3-Dichloro-3-methylbutane
62192	1-Bromo-3-chloropropane	24216	Chloroform	61228	2,3-Dichlorooctafluorobutane
15391	Bromo-3-chloropropane	64213	1-Chloroheptane	64805	1,5-Dichloropentane
64795	Bromocyclobutane	64944	3-Chloroheptane	64519	1,3-Dichloropropane
62193	Bromocycloheptane	64939	1-Chlorohexane	64817	2,2-Dichloropropane
64343	Bromocyclopropane	60103	2-Chloro-2-methylpropane	64816	1,1-Dichloro-1-propene
62194	1-Bromodecane	64418	1-Chlorooctadecane	63394	2,3-Dichloro-1-propene
64613	Bromodichloromethane	65154	1-Chlorooctane	64969	1,10-Diiododecane
64615	1-Bromo-2,2-dimethylpropane	64420	1-Chloropentane	60143	Diiodomethane
15934	1-Bromododecane	64425	1-Chloropropane	64970	1,8-Diiodooctane
60067	Bromoethane	63321	2-Chloropropene-(1)	64971	1,5-Diiodopentane
02802	Bromoethane	63320	1-Chloropropene-(1)	61120	1,4-Diiodoperfluorobutane
64632	9-Bromofluorene	62394	Cyclohexyl bromide	64972	1,3-Diiodopropane
02807	Bromoform	62395	Cyclohexyl chloride	61424	1-Fluoroheptane
62201	1-Bromoheptane	62406	Cyclopentyl bromide	61425	1-Fluorohexadecane
62202	2-Bromoheptane	60128	1,4-Dibromobutane	61432	Fluorooctane
62203	1-Bromohexadecane	62454	1,4-Dibromobutene-(2)	61435	1-Fluorotetradecane
62204	1-Bromohexane	64677	(\pm)- <i>trans</i> -1,2-Dibromocyclohexane	62634	Hexachloro-1,3-butadiene
63266	3-Bromohexane	62455	1,10-Dibromodecane	62635	Hexachlorocyclopentadiene
02870	1-Bromohexane	65146	2,3-Dibromo-1,4-dichlorobutene (2)	15611	Hexachloroethane
64647	6-Bromo-1-hexene	64601	1,2-Dibromo-1,1-dichloroethane	62636	Hexachloropropene
60072	Bromomethane	61138	1,2-Dibromo-1,1-difluoroethane	60195	1-Iodobutane
60073	1-Bromo-3-methylbutane	63462	1,12-Dibromododecane	60196	2-Iodobutane
60074	1-Bromo-2-methylpropane	60126	1,2-Dibromoethane	64652	Iodocyclohexane
60075	2-Bromo-2-methylpropane	62450	1,2-Dibromoethylene	63567	1-Iododecane
62211	1-Bromononane	61012	1,2-Dibromohexafluoropropane	60194	Iodoethane
63697	1-Bromooctadecane	62456	1,6-Dibromohexane	03801	Iodoethane
60077	1-Bromooctane	62457	Dibromomethane	63499	1-Iodoheptane
64679	1-Bromopentadecane	64487	1,9-Dibromononane	60379	1-Iodohexadecane
62212	1-Bromopentane	64488	1,8-Dibromooctane	60197	1-Iodohexane
02130	2-Bromopentane	62458	1,5-Dibromopentane	60198	Iodomethane
63271	5-Bromopentene-(1)	62459	1,2-Dibromopropene	03810	Iodomethane
60078	1-Bromopropane	62460	1,3-Dibromopropene	62709	1-Iodo-3-methylbutane
60079	2-Bromopropane	60130	2,3-Dibromopropene	60199	1-Iodo-2-methylpropane
02824	2-Bromopropane	64009	1,2-Dibromotetrachloroethane	60200	2-Iodo-2-methylpropane
02804	3-Bromopropene	61013	1,4-Dibromo-1,1,2,2-tetrafluorobutane	64143	Iodononane
62218	3-Bromopropene	61011	1,2-Dibromotetrafluoroethane	64119	1-Iodooctadecane
63670	1-Bromotetradecane	61122	1,6-Dibromo-1,1,2,2-tetrafluorohexane	60201	1-Iodooctane
61014	4-Bromo-3,3,4,4-tetrafluorobutene-(1)	64011	1,2-Dibromotrichloroethane	62710	1-Iodopentane
62231	Bromotrichloromethane	64616	1,11-Dibromoundecane	62295	2-Iodopentane
64361	1-Bromotridecane	64804	1,1-Dichloro-3,3-dimethylbutane	60202	1-Iodopropane
64363	1-Bromoundecane	15428	1,2-Dichloroethane	60203	2-Iodopropane
63263	4-Bromo- <i>o</i> -xylene			62754	Methallyl chloride
63264	4-Bromo- <i>m</i> -xylene			62942	Pentachloroethane
				65077	Pentaerythritol tetrabromide

61001	Perfluorobutyl iodide	61449	Perfluorohexane	61150	Perfluoropropene
61448	Perfluorodecahydronaphthalene	61126	Perfluorohexyl bromide	61151	Perfluoropropene
61156	1H-Perfluorodecane	61130	Perfluorohexyl chloride	61355	Perfluoro- <i>n</i> -propyl iodide
61016	1H,1H,2H-Perfluorodecene-(1)	61002	Perfluorohexyl iodide	61118	Perfluoro- <i>iso</i> -propyl iodide
61127	Perfluorodecyl bromide	61006	1H,1H,2H,2H-Perfluorohexyl iodide	61010	1H,1H,2H,2H-Perfluorotetradecyl iodide
61004	Perfluorodecyl iodide	61132	1H,1H,1H,2H,3H,3H-Perfluoro-2-iodononane	02826	1,1,2,2-Tetrabromoethane
61008	1H,1H,2H,2H-Perfluorodecyl iodide	61155	1H-Perfluorooctane	63749	<i>meso</i> -1,2,3,4-Tetrachlorobutane
61005	Perfluorododecyl iodide	61015	1H,1H,2H-Perfluorooctene-(1)	65095	Tetrachlorocyclopropene
61009	1H,1H,2H,2H-Perfluorododecyl iodide	61125	Perfluorooctyl bromide	16209	1,1,2,2-Tetrachloroethane
61392	Perfluoroethyl iodide	61003	Perfluorooctyl iodide	16211	Tetrachloroethylene
61390	1H,1H-Perfluoroethyl iodide	61007	1H,1H,2H,2H-Perfluorooctyl iodide	65078	Tetraiodomethane
61154	1H-Perfluorohexane	61140	Perfluoropropene	24254	Trichloroethylene
				64903	1,2,3-Trichloropropane

2.1.2.2. Aromatic halogen hydrocarbons

63952	Benzal bromide	61076	3-Chlorobenzotrifluoride	63382	2,6-Dichlorobenzyl bromide
64592	Benzal chloride	61077	4-Chlorobenzotrifluoride	63383	2,4-Dichlorobenzyl chloride
60052	Benzotrichloride	63970	2-Chlorobenzyl bromide	63384	2,6-Dichlorobenzyl chloride
61073	Benzotrifluoride	63303	3-Chlorobenzyl bromide	63385	3,4-Dichlorobenzyl chloride
64302	Benzyl bromide	62300	2-Chlorobenzyl chloride	64019	2,3-Dichloriodobenzene
60058	Benzyl chloride	62301	3-Chlorobenzyl chloride	64020	2,4-Dichloriodobenzene
61090	1,3-Bis(trifluoromethyl)benzene	62302	4-Chlorobenzyl chloride	64021	2,5-Dichloriodobenzene
63261	9-Bromoanthracene	62309	Chlorodiphenylmethane	64023	3,4-Dichloriodobenzene
60068	Bromobenzene	61500	2-Chloro-6-fluorobenzal chloride	63399	2,6-Dichlorostyrene
61078	3-Bromobenzotrifluoride	61202	2-Chlorofluorobenzene	63816	3,4-Dichlorostyrene
61295	4-Bromobenzotrifluoride	61045	3-Chlorofluorobenzene	64520	2,4-Dichlorotoluene
61221	2-Bromobenzotrifluoride	61046	4-Chlorofluorobenzene	64030	2,5-Dichlorotoluene
64797	2-Bromobenzyl bromide	61502	2-Chloro-6-fluorobenzotrichloride	64963	2,6-Dichlorotoluene
62393	3-Bromobenzyl bromide	61393	2-Chloro-6-fluorobenzyl chloride	64964	3,4-Dichlorotoluene
62182	4-Bromobenzyl bromide	61051	2-Chloro-4-fluorotoluene	63401	α,α' -Dichloro- <i>o</i> -xylene
64284	4-Bromobiphenyl	61298	2-Chloro-5-fluorotoluene	63402	α,α' -Dichloro- <i>m</i> -xylene
62188	2-Bromochlorobenzene	61054	2-Chloro-6-fluorotoluene	63403	α,α' -Dichloro- <i>p</i> -xylene
62189	3-Bromochlorobenzene	01806	2-Chloro-6-fluorotoluene	61231	1,2-Difluorobenzene
62190	4-Bromochlorobenzene	61489	3-Chloro-2-fluorotoluene	61232	1,3-Difluorobenzene
64778	4-Bromocumene	61052	4-Chloro-2-fluorotoluene	61233	1,4-Difluorobenzene
63955	1-Bromo-3,4-dichlorobenzene	61053	5-Chloro-2-fluorotoluene	61238	4,4'-Difluorobiphenyl
62196	Bromodiphenylmethane	61506	5-Chloro-3-fluorotoluene	61244	2,4-Difluorotoluene
63956	2-Bromofluorene	64256	2-Chloriodobenzene	61245	2,5-Difluorotoluene
61287	2-Bromofluorobenzene	63314	4-Chloriodobenzene	61301	2,3-Dimethylfluorobenzene
61288	3-Bromofluorobenzene	61225	4-Chloro-3-iodobenzotrifluoride	64993	Diphenyliodonium chloride
61047	4-Bromofluorobenzene	63973	2-Chloro-4-iodotoluene	64367	1-Ethyl-4-bromobenzene
61294	2-Bromo-4-fluorotoluene	62321	1-(Chloromethyl)-naphthalene	61267	4-Fluorobenzal chloride
61293	2-Bromo-5-fluorotoluene	64261	2-Chloromethyl-2-phenylpropane	61044	Fluorobenzene
63267	4-Bromiodobenzene	63315	4-Chloro- α -methylstyrene	01801	Fluorobenzene
62205	2-Bromomesitylene	64270	2-Chloronaphthalene	61074	3-Fluorobenzotrifluoride
63269	1-Bromo-2-methylnaphthalene	61476	Chloropentafluorobenzene	61507	2-Fluorobenzyl bromide
64762	1-Bromo-4-methylnaphthalene	63302	2-Chlorostyrene	61422	4-Fluorobenzyl bromide
02805	1-Bromonaphthalene	63316	3-Chlorostyrene	61282	2-Fluorobenzyl chloride
64771	2-Bromonaphthalene	62352	4-Chlorostyrene	61423	3-Fluorobenzyl chloride
61201	Bromopentafluorobenzene	64434	2-Chlorotoluene	61283	4-Fluorobenzyl chloride
61474	α -Bromo-2,3,4,5,6-pentafluorotoluene	62356	3-Chlorotoluene	61302	2-Fluorobiphenyl
63272	9-Bromophenanthrene	62357	4-Chlorotoluene	61303	4-Fluorobiphenyl
64725	3-Bromo-1-phenyl-1-propen	62359	Chlorotriphenylmethane	61309	2-Fluoriodobenzene
63275	β -Bromostyrene	64407	2-Chloro- <i>p</i> -xylene	61310	3-Fluoriodobenzene
63276	2-Bromostyrene	64419	4-Chloro- <i>o</i> -xylene	61311	4-Fluoriodobenzene
63277	3-Bromostyrene	62451	1,2-Dibromobenzene	61314	4-Fluoro-2-iodotoluene
63278	4-Bromostyrene	63463	1,3-Dibromobenzene	61319	1-Fluoronaphthalene
62228	2-Bromotoluene	60127	1,4-Dibromobenzene	61352	4-Fluorostyrene
62229	3-Bromotoluene	64006	4,4'-Dibromobiphenyl	61350	2-Fluorostyrene
62230	4-Bromotoluene	61203	Dibromofluorobenzene	61351	3-Fluorostyrene
62498	3-Bromo- <i>o</i> -xylene	65209	1,4-Dibromonaphthalene	61048	2-Fluorotoluene
62523	2-Bromo- <i>m</i> -xylene	62463	α,Ga' -Dibromo- <i>o</i> -xylene	01804	2-Fluorotoluene
63966	3-Chlorobenzal bromide	63666	α,Ga' -Dibromo- <i>m</i> -xylene	61049	3-Fluorotoluene
63967	4-Chlorobenzal bromide	62464	Ga, α' -Dibromo- <i>p</i> -xylene	61050	4-Fluorotoluene
15311	Chlorobenzene	63680	2,5-Dibromo- <i>p</i> -xylene	01805	4-Fluorotoluene
62293	4-Chlorobenzhydryl chloride	64785	2,6-Dichlorobenzal chloride	61509	3-Fluoro-1,2-xylene
64948	4-Chlorobenzotrichloride	65152	1,2-Dichlorobenzene	61358	Hexafluorobenzene
61075	2-Chlorobenzotrifluoride	60134	1,3-Dichlorobenzene	62706	Iodobenzene
		18202	1,4-Dichlorobenzene	63568	1-Iodonaphthalene

63574	2-Iodotoluene	64770	Pentachlorobenzene	63748	$\alpha,\alpha,\alpha',\alpha'$ -Tetrabromo-m-xylene
63575	3-Iodotoluene	61329	Pentafluorobenzene	64851	1,2,3,4-Tetrachlorobenzene
63576	4-Iodotoluene	61368	Pentafluoroiodobenzene	61455	1,2,3,4-Tetrafluorobenzene
62788	2-Methylbenzyl bromide	61441	2,3,4,5,6-Pentafluorostyrene	64381	1,3,5-Tribromobenzene
63877	3-Methylbenzyl bromide	61365	2,3,4,5,6-Pentafluorotoluene	60490	1,2,3-Trichlorobenzene
62789	4-Methylbenzyl bromide	61442	Perfluoromethylcyclohexane	61382	2,4,5-Trichlorofluorobenzene
63878	2-Methylbenzyl chloride	62959	2-Phenethyl bromide	63781	2,4,5-Trichlorotoluene
62790	4-Methylbenzyl chloride	64718	3-Phenylpropyl bromide	61389	1,2,4-Trifluorobenzene
63879	3-Methylbenzyl chloride	64848	$\alpha,\alpha,\alpha',\alpha'$ -Tetrabromo-o-xylene		

2.1.3. Alcohols and alcoholates

2.1.3.1. Aliphatic unsubstituted alcohols and alcoholates

60020	Allyl alcohol	60380	2-Ethylhexanol	65046	3-Methylpentanol-(2)
64323	Aluminium methylate	65008	Farnesol	63897	3-Methylpentanol-(3)
60021	Aluminiumtri <i>iso</i> -propylate	63491	Geraniol	63898	4-Methylpentanol-(1)
60038	Amyl alcohol	15524	Glycerol 86—88 %	62824	4-Methylpentanol-(2)
24120	Amyl alcohol	15523	Glycerol 98 %	15779	3-Methylpentin-(1)-ol-(3)
24124	Butanol-(1)	62625	Heptanol-(1)	64712	2-Methyl-2-propen-1-ol
24126	Butanol-(2)	62626	Heptanol-(2)	64754	1-Nonadecanol
24125	<i>iso</i> -Butanol	64610	Heptanol-(3)	65072	2-Nonadecanol
24127	<i>tert</i> .-Butanol	62500	Heptanol-(4)	63910	2-Nonanol
15222	Butene-(2)-diol-(1,4)	15665	1,6-Hexanediol	62907	1-Nonanol
24213	1,3-Butylene glycol	64619	2,5-Hexanediol	63911	4-Nonanol
15264	1,4-Butylene glycol	62648	1,2,6-Hexanetriol	63912	5-Nonanol
62235	Butyne-(2)-diol-(1,4)	62643	1-Hexanol	60449	<i>iso</i> -Nonanol
62236	Butyne-(1)-ol-(3) solution	62644	2-Hexanol	60450	<i>iso</i> -Octadecanol
24129	Cetyl alcohol	62645	3-Hexanol	64758	1,8-Octanediol
62370	Crotyl alcohol	63857	5-Hexene-(1)-ol	24134	1-Octanol
62410	Decanediol-(1,10)	65021	2-Hexene-4-ol	24133	2-Octanol
62411	1-Decanol	64081	3-Hydroxymethylheptene-(3)	62917	3-Octanol
64493	5-Decanol	63596	Linalool	62946	1-Pentadecanol
60454	<i>iso</i> -Decanol	65040	Lithium <i>tert</i> .-butylate	65076	2-Pentadecanol
64039	2,2-Diethylpropanediol-(1,3)	24229	Methanol	62947	Pentaerythritol
62525	2,3-Dimethylbutanediol-(2,3)	24228	Methanol	62949	Pentanediol-(1,5)
63436	2,3-Dimethylbutanol-(2)	60428	2-Methyl-2-butanol	62950	Pentanediol-(2,4)
64553	2,5-Dimethyl-2,5-hexanediol	15114	2-Methylbutanol-(2)	60244	Pentanol-(2)
63837	2,2-Dimethylhexanol-(3)	60217	3-Methylbutanol-(1)	62951	Pentanol-(3)
63838	2,3-Dimethylhexanol-(3)	64689	3-Methylbutanol-2	60243	Pentanol-(1)
63439	2,4-Dimethylhexanol-(3)	63623	2-Methylbutene-(3)-ol-(2)	64655	Potassium <i>tert</i> .-butylate
63839	2,5-Dimethylhexanol-(2)	62794	2-Methyl-3-butyne-2-ol	60451	1,3-Propanediol
63840	2,5-Dimethylhexanol-(3)	64693	2-Methylcyclohexanol	16033	1,2-Propanediol
63841	3,5-Dimethylhexanol-(3)	63989	4-Methylheptadiene-(1,6)-ol-(4)	24135	Propanol-(1)
63846	2,2-Dimethylpentanol-(3)	63634	2-Methyl-2-heptanol	24137	Propanol-(2)
63847	2,3-Dimethylpentanol-(2)	63635	2-Methyl-3-heptanol	60262	Propargyl alcohol
63848	2,3-Dimethylpentanol-(3)	63884	2-Methyl-4-heptanol	62864	Sodium methylate
63849	2,4-Dimethylpentanol-(2)	65005	5-Methyl-3-heptanol	13546	Sodium methylate solution
15919	2,2-Dimethylpropanediol-(1,3)	65004	6-Methyl-2-heptanol	63053	Stearyl alcohol
60448	2,2-Dimethylpropanol-(1)	63887	6-Methyl-3-heptanol	63074	Tetradecyl alcohol
62588	1-Docosanol	63639	2-Methyl-2-hexanol	63128	Tridecanol-(1)
62590	1-Dodecanol	63640	2-Methyl-3-hexanol	60455	<i>iso</i> -Tridecanol
64974	2-Dodecanol	65003	3-Methyl-2-hexanol	63155	1,1,1-Tris-(hydroxymethyl)-propane
62595	Eicosanol-(1)	63641	3-Methyl-3-hexanol	63164	1-Undecanol
24103	Ethanol absolute	63643	5-Methyl-2-hexanol	65131	3-Undecanol
24106	Ethanol 96 Vol %	62822	2-Methylpentanediol-(2,4)	65132	6-Undecanol
63470	2-Ethylbutanol-(1)	63895	2-Methylpentanol-(2)	63166	10-Undecene-(1)-ol
24204	Ethylene glycol	63896	2-Methylpentanol-(3)		

2.1.3.2. Aliphatic substituted alcohols and alcoholates

60412	2-Acetamidoethanol	64446	5-Amino-1-pentanol	15019	2-Chloroethanol
20801	Acetone chloroform	62087	1-Aminopropanol-(2)	64924	6-Chloro-1-hexanol
64334	Aldoldimethylacetal	62089	3-Aminopropanol-(1)	64923	1-Chloro-2-methyl-2-propanol
63205	N-Allyl-N'-(2-hydroxyethyl)thiourea	63246	Batyl alcohol	60109	3-Chloro-1,2-propanediol
62074	2-Aminobutanol-(1)	64497	N,N-Bis-(2-hydroxyethyl)-2-aminoethanesulphonic acid	62341	3-Chloro-1-propanol
15014	2-Aminoethanol	62167	2-Bromoethanol	64370	Choline solution
62312	N-(2-Aminoethyl)-ethanolamine	64699	1-Bromo-2-propanol	24220	Diacetone alcohol
63227	DL-4-Amino-3-hydroxybutyric acid	62217	3-Bromo-1-propanol	65145	2,3-Dibromobutene-(2)-diol-(1,4)
62081	2-Amino-2-methyl-1-propanol	64841	4-Chloro-1-butanol	62461	2,3-Dibromopropanol-(1)
				65147	2,3-Dibromopropene-(2)-ol-(1)

62465	2-Dibutylaminoethanol	24206	Ethylene glycol monoethyl ether	62033	L(-)-Malic acid
64491	2,2-Dichloroethanol	24234	Ethylene glycol monomethyl ether	62736	2-Mercaptoethanol
60136	1,3-Dichloro-2-propanol	61264	2-Fluoroethanol	15769	N-Methyldiethanolamine
15421	Diethanolamine	64784	Gluconic acid potassium salt	15770	N-Methylethanolamine
15408	Diethanolamine	62620	Gluconic acid sodium salt	64834	Mucic acid
60240	Diethyl oxalacetate, sodium derivative	63493	D(+)-Glyceraldehyde	65063	2-Nitroethanol
60120	Diethylene glycol	63494	Glycerol-1-monoacetate	65075	D-Pantothenic acid solution
62428	Diethylene glycol monobutyl ether	62345	Glycolaldehyde	61022	1H,1H,2H,2H-Perfluorodecanol
62427	Diethylene glycol monoethyl ether	27674	Glycollic acid	61023	1H,1H,2H,2H-Perfluorododecanol
62429	Diethylene glycol monomethyl ether	61437	2,2,3,3,4,4,4-Heptafluoro-1-butanol	61019	1H,1H-Perfluoroheptanol
15417	N,N-Diethylethanolamine	65148	2-Hydroxyacetaldehyde diethylacetal	61018	1H,1H,2H,2H-Perfluorohexanol
64942	Diethyl L(+)-tartrate	62671	3-Hydroxybutanone-(2)	61020	1H,1H-Perfluorooctanol
62509	Dihydroxyfumaric acid	63519	DL-2-Hydroxybutyric acid	61021	1H,1H,2H,2H-Perfluorooctanol
64046	2,3-Dimercaptopropanol-(1)	63527	2-Hydroxy-iso-butyric acid	63176	D(-)-Tartaric acid
63433	2-Dimethylamino-2-methylpropanol-(1)	63521	N-(2-Hydroxyethyl)cyclohexylamine	63923	DL-Tartaric acid
15451	1-Dimethylaminopropanol-(2)	65024	2-Hydroxyethylhydrazine	63177	meso-Tartaric acid monohydrate
62521	3-Dimethylaminopropanol-(1)	63547	2-Hydroxyhexadecanoic acid	61145	2,2,3,3-Tetrafluoropropanol
15448	N,N-Dimethylethanolamine	63537	2-Hydroxy-2-methylbutanone-(3)	63767	1-Thioglycerol solution
64060	Dimethyl (+)-tartrate	63549	3-Hydroxypropionic acid	64886	2,2,2-Tribromoethanol
62578	Di-iso-propanolamine	60311	3-Hydroxypropionitrile	60314	2,2,2-Trichloroethanol
62581	Dipropylene glycol	63557	12-Hydroxystearic acid	16303	Triethanolamine
27718	Ethyl lactate	63543	2-Hydroxytetradecanoic acid	16339	Triethanolamine
63471	2-Ethylcyclohexanol	62700	2-Iodoethanol	61383	Triethyl 2,4-difluorocitrate
24215	Ethylene glycol monobutyl ether	27714	Lactic acid	63113	Triethylene glycol
		63592	L(+)-Lactic acid solution	61017	2,2,2-Trifluoroethanol
		65054	DL-Lactonitrile	63801	Tris-(hydroxymethyl)-nitromethane

2.1.3.3. Alicyclic alcohols and alcoholates

64547	1-Adamantanol	24217	Cyclohexanol	65175	Dimethyl 2,5-dioxo-1,4-cyclohexanedicarboxylate
64319	1,4-Bis-(hydroxymethyl)-cyclohexane	62399	Cyclooctanol	63456	1,1-Diphenylethanol
64661	(-)-Borneol	62403	Cyclopentanol	63492	Gibberellic acid
62247	4-tert.-Butylcyclohexanol	63990	Dehydroascorbic acid	15785	(-)-Menthol
63974	4-Chloro- α -methylbenzyl alcohol	63831	2,3-Dimethylcyclohexanol	62798	3-Methylcyclohexanol
62380	Cycloheptanol	63832	2,4-Dimethylcyclohexanol	62799	4-Methylcyclohexanol
64449	trans-1,2-Cyclohexanediol	63835	3,5-Dimethylcyclohexanol	62272	Quinic acid
62388	cis,trans-1,2-Cyclohexanediol	62530	2,6-Dimethylcyclohexanol	61025	2,2,3,3,-Tetrafluorocyclobutylmethanol
64450	1,4-Cyclohexanediol	63834	3,4-Dimethylcyclohexanol		

2.1.3.4. Aromatic alcohols and alcoholates

62097	Anise alcohol	64670	Ethyl mandelate	64099	Methylnaphthylcarbinol-(1)
63722	DL-Atrolactic acid hemihydrate	62049	N-Ethyl-N-(2-hydroxyethyl)-p-phenylenediamine sulphate	64100	Methylnaphthylcarbinol-(2)
62111	Benzhydrol	61415	2-Fluorobenzyl alcohol	64103	4-Methylphenylmethylcarbinol
15228	Benzilic acid	61421	3-Fluorobenzyl alcohol	62855	1,5-Naphthalenediol
15249	Benzoin	61481	4-Fluorobenzyl alcohol	62856	2,3-Naphthalenediol
24122	Benzyl alcohol	61315	4-Fluoromandelic acid	62857	2,7-Naphthalenediol
64301	2-Benzylaminoethanol	61333	2-Fluorophenylmethylcarbinol	62882	2-Nitrobenzyl alcohol
63254	Benzyl-DL(\pm)-mandelate	61334	3-Fluorophenylmethylcarbinol	65066	3-Nitrobenzyl alcohol
64309	2-(4)-Biphenyl-2-propanol	61335	4-Fluorophenylmethylcarbinol	62883	4-Nitrobenzyl alcohol
61505	Bis-(4-fluorophenyl)-methanol	62670	2-Hydroxybenzyl alcohol	64755	L(-)-Noradrenaline-L-tartrate
64675	4-Bromobenzhydrol	64629	4-Hydroxybenzyl alcohol	60248	2-Phenoxyethanol
64788	2-Bromobenzyl alcohol	63719	N-(2-Hydroxyethyl)aniline	63717	N-Phenyldiethanolamine
62207	1-Bromonaphthol-(2)	63529	DL-4-Hydroxymandelic acid monohydrate	62968	1-Phenylethanol
64846	4-Chlorobenzyl alcohol	63530	4-Hydroxy-3-methoxymandelic acid	63186	2-Phenylethanol
61485	2-Chloro-6-fluorobenzyl alcohol	62676	α -Hydroxyphenylacetone nitrile	62980	1-Phenylpropanol-(1)
62334	Chlorogenic acid hemihydrate	62733	L(+)-Mandelic acid	60452	2-Phenylpropanol-(1)
64273	4-Chloromandelic acid	27713	Mandelic acid	60453	3-Phenylpropanol-(1)
63183	Cinnamyl alcohol	62732	D(-)-Mandelic acid	23158	Pyrocatechol mono-(2-hydroxyethyl)-ether
64868	2,4-Dichlorobenzyl alcohol	62764	2-Methoxybenzyl alcohol	64349	α -Tetralol
64017	2,6-Dichlorobenzyl alcohol	62765	3-Methoxybenzyl alcohol	63086	Tetraphenylethanediol-(1,2)
64880	3,4-Dichlorobenzyl alcohol	63620	2-Methylbenzyl alcohol	63151	Triphenylmethanol
64026	2,5-Dichlorophenylmethylcarbinol	63874	3-Methylbenzyl alcohol	63156	DL-Tropic acid
64027	2,6-Dichlorophenylmethylcarbinol				
64028	3,4-Dichlorophenylmethylcarbinol				
64057	2,6-Dimethyl- α -methylbenzyl alcohol				

2.1.3.5. Heterocyclic alcohols and alcoholates

63326	Cinchonidine	63538	4-(Hydroxymethyl)-imidazole hydrochloride	62831	1-Methyl-4-piperidinol
62377	Cyanuric acid	63539	N-Hydroxymethylphthalimide	63000	2-Piperidinoethanol
62417	Dehydroacetic acid	63735	4-(Hydroxymethyl)-pyridine	64806	Piperonyl alcohol
63353	4'-Deoxypyridoxol hydrochloride	65030	2-Hydroxymethyltetrahydropyran	63041	Pyridyl-(2)-methanol
64583	2,3-Epoxy-1-propanol	65031	2-Hydroxymethylthiophene	63042	Pyridyl-(3)-methanol
62615	Furfuryl alcohol	63550	2-(3-Hydroxypropyl)benzimidazole	64382	Quinine
62672	4-Hydroxycoumarin	64645	Indole-3-ethanol	64775	3-Quinuclidinol
62846	N-(2-Hydroxyethyl)-morpholine	62801	3,3'-Methylenebis(4-hydroxycoumarin)	63157	<i>trans</i> -Tropine
63522	N-(2-Hydroxyethyl)piperazine			64138	Xanthidrol solution
63523	2-(2-Hydroxyethyl)pyridine			22069	5-Chloro-8-hydroxyquinoline

2.1.4. Phenols and phenolates

64254	3-Acetamidophenol	62322	4-Chloro-3-methylphenol	63820	3,4-Dihydroxybenzoic acid
64263	4-Acetamidophenol	60104	2-Chloro-4-nitrophenol	60142	3,5-Dihydroxybenzoic acid
60095	2-Amino-4-chlorophenol	60105	4-Chloro-2-nitrophenol	60140	2,4-Dihydroxybenzoic acid
65197	3-Amino-o-cresol	60107	2-Chlorophenol	60141	2,6-Dihydroxybenzoic acid
65196	4-Amino-o-cresol	62336	3-Chlorophenol	63415	2,4-Dihydroxybenzophenone
65198	5-Amino-o-cresol	60108	4-Chlorophenol	64044	2,2'-Dihydroxybiphenyl
64271	2-Amino-p-cresol	60111	4-Chlororesorcinol	64979	4,4'-Dihydroxybiphenyl
64272	4-Amino-m-cresol	65150	4-Chlorothymol	64045	4,4'-Dihydroxybiphenylsulphone
63234	6-Amino-m-cresol	22016	Copper-8-hydroxyquinoline	62510	3,4-Dihydroxycinnamic acid
64269	4-Amino-2-hydroxybenzoic acid	15708	o-Cresol	63416	5,7-Dihydroxy-4-methylcoumarin
64427	6-Amino-1-hydroxy-3-naphthalenesulphonic acid	15709	m-Cresol	65163	1-(2,4-Dihydroxyphenyl)-hexanone-(1)
64947	4-Amino-2-hydroxy-1-naphthalenesulphonic acid, diazotized	15711	p-Cresol	63417	2,4-Dihydroxypropiophenone
63236	1-Amino-7-naphthol	63979	4-Cyclohexylresorcinol	64704	2,5-Dihydroxytoluene
65200	2-Amino-6-naphthol	63362	2,4-Diaminophenol dihydrochloride	63663	2,6-Dihydroxytoluene
64426	8-Amino-1-naphthol-3,6-disulphonic acid monosodium salt	61490	2,6-Dibromo-4-fluorophenol	64984	3,5-Diiodo-2-hydroxybenzoic acid
64439	2-Amino-4-nitrophenol	65158	3,5-Dibromo-4-hydroxybenzaldehyde	22008	5,7-Diiodo-8-hydroxyquinoline
64440	2-Amino-5-nitrophenol	22055	5,7-Dibromo-8-hydroxyquinoline	64982	2,3-Dimethoxyphenol
60032	2-Aminophenol	64007	1,6-Dibromo-2-naphthol-3-carboxylic acid	64048	2,6-Dimethoxyphenol
60033	3-Aminophenol	63374	2,6-Dibromo-4-nitrophenol	64983	3,5-Dimethoxyphenol
60034	4-Aminophenol	64684	2,4-Dibromophenol	64540	3-(Dimethylamino) phenol
62662	4-Aminophenol hydrochloride	64683	2,6-Dibromophenol	62540	2,3-Dimethylphenol
64525	2-Aminophenol-4-sulphonic acid	64628	3,5-Dibromosalicylic acid	62541	2,4-Dimethylphenol
64543	2-Benzylphenol	62467	2,5-Di- <i>tert</i> .-butylhydroquinone	64556	2,5-Dimethylphenol
64533	4-Benzylphenol	64695	3,5-Di- <i>tert</i> .-butyl-4-hydroxybenzoic acid	62542	2,6-Dimethylphenol
22003	7-Bromo-5-chloro-8-hydroxyquinoline	65176	2,6-Di- <i>tert</i> .-butyl-methylphenol	62543	3,4-Dimethylphenol
64358	2-Bromophenol	64022	2,4-Di- <i>sec</i> .-butylphenol	62544	3,5-Dimethylphenol
62622	3-Bromophenol	64496	2,4-Di- <i>tert</i> .-butylphenol	64067	Diphenylolcyclohexane
62214	4-Bromophenol	63377	2,6-Di- <i>tert</i> .-butylphenol	63426	2,6-Di- <i>iso</i> -propylphenol
15271	4-Bromophenol	64850	4,6-Dichloro-o-cresol	64600	Dodecyl gallate
60494	5-Bromosalicylic acid	64018	2,7-Dichlorofluorescein	63464	Ellagic acid
63281	5-Bromovanillin	22067	5,7-Dichloro-8-hydroxyquinoline	63483	Ethyl salicylate
63287	Butyl 4-hydroxybenzoate	64024	2,4-Dichloronaphthol-(1)	63476	Ethyl 3-hydroxybenzoate
62252	2- <i>tert</i> .-Butyl-4-methoxyphenol	64882	2,4-Dichloro-6-nitrophenol	64242	3-Ethylphenol
63290	2- <i>tert</i> .-Butyl-4-methylphenol	63392	2,6-Dichloro-4-nitrophenol	62051	4-Ethylphenol
62666	2- <i>sec</i> .-Butylphenol	62488	2,3-Dichlorophenol	70020	Ethylvanillin
62766	4- <i>sec</i> .-Butylphenol	62489	2,4-Dichlorophenol	61306	5-Fluoro-2-hydroxyacetophenone
62253	2- <i>tert</i> .-Butylphenol	62490	2,5-Dichlorophenol	61429	2-Fluoro-6-nitrophenol
60085	4- <i>tert</i> .-Butylphenol	62491	2,6-Dichlorophenol	61325	3-Fluoro-4-nitrophenol monohydrate
23195	4- <i>tert</i> .-Butylpyrocatechol <i>contg.</i> 15% methanol	62492	3,4-Dichlorophenol	61324	3-Fluoro-6-nitrophenol
23194	4- <i>tert</i> .-Butylpyrocatechol <i>contg.</i> 15% water	62493	3,5-Dichlorophenol	61211	2-Fluorophenol
23193	4- <i>tert</i> .-Butylpyrocatechol (<i>crystalline solid</i>)	60118	3-Diethylaminophenol	61212	3-Fluorophenol
22014	Chiniofon-sodium	65184	Diethyl 2,5-dihydroxyterephthalate	61213	4-Fluorophenol
63972	4-Chloro-2,6-dimethylphenol	62502	2,4-Dihydroxyacetophenone	27645	Gallic acid
61297	2-Chloro-4-fluorophenol	64968	2,5-Dihydroxyacetophenone	23301	Guaethol
62334	Chlorogenic acid hemihydrate	62503	2,6-Dihydroxyacetophenone	23204	Guaicol
64279	Chlorohydroquinone	62504	1,4-Dihydroxyanthraquinone	20818	4-Hexylresorcinol
64141	3-Chloro-4-hydroxybenzoic acid	62505	1,8-Dihydroxyanthraquinone	15616	Hydroquinone
22006	5-Chloro-7-iodo-8-hydroxyquinoline	63818	2,6-Dihydroxyanthraquinone	60184	Hydroquinone monobenzyl ether
64413	4-Chloro-2-methylphenol	64967	2,3-Dihydroxybenzaldehyde	60185	Hydroquinone monomethyl ether
		64529	2,5-Dihydroxybenzaldehyde	62660	2-Hydroxyacetophenone
		62508	3,4-Dihydroxybenzaldehyde	62661	4-Hydroxyacetophenone
		62507	2,5-Dihydroxybenzoic acid	64625	4-Hydroxyazobenzene
				64626	3-Hydroxybenzaldehyde
				62665	4-Hydroxybenzaldehyde

63518	2-(4'-Hydroxybenzeneazo)benzoic acid	60187	6-Hydroxyquinoline	64755	L(-)-Noradrenaline-L-tartrate
27733	4-Hydroxybenzoic acid	22019	8-Hydroxyquinoline	63702	Orcinol monohydrate
65025	4-Hydroxybenzonitrile	22060	8-Hydroxyquinoline benzoate	62943	Pentachlorophenol
62669	4-Hydroxybenzophenone	22020	8-Hydroxyquinoline hydrochloride	61369	Pentafluorophenol
61471	2-Hydroxybenzotrifluoride	22022	8-Hydroxyquinoline sulphate	16017	Phenol
61362	3-Hydroxybenzotrifluoride	22023	8-Hydroxyquinoline sulphate-potassium sulphate	16016	Phenol
62670	2-Hydroxybenzyl alcohol	22024	8-Hydroxyquinoline-5-sulphonic acid	16018	Phenol
64629	4-Hydroxybenzyl alcohol			22025	Phenylmercury-8-hydroxyquinoline
65191	4-Hydroxybiphenyl	63558	4-Hydroxystilbene	65087	Phloroglucinaldehyde
64306	<i>trans</i> -2-Hydroxycinnamic acid	64641	L-5-Hydroxytryptophan	60256	Phloroglucinol dihydrate
62681	<i>trans</i> -3-Hydroxycinnamic acid	62679	3-Hydroxytyraminium chloride	27745	Picric acid
62682	<i>trans</i> -4-Hydroxycinnamic acid	63564	5-Indanol	62617	Propyl gallate
63525	5-Hydroxyindole	22012	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	63732	Propyl 4-hydroxybenzoate
63526	5-Hydroxyindol-3-yl acetic acid	63572	4-Iodophenol	23001	Pyrocatechol
63529	DL-4-Hydroxymandelic acid monohydrate	63588	Juglone	23005	Pyrocatechol
60189	2-Hydroxy-5-methoxybenzaldehyde	64700	4,4'-Methylenebis(3-hydroxy-2-naphthalenecarboxylic acid)	23158	Pyrocatechol mono-(2-hydroxyethyl)-ether
65161	2-Hydroxy-4-methoxybenzophenone	62802	2,2'-Methylenebis(3,4,6-trichlorophenol)	16101	Resorcinol
65174	2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid	64701	3,4-Methylenedioxyphenol	16102	Resorcinol
62673	4-Hydroxy-3-methoxycinnamic acid	63888	Methyl 3-hydroxybenzoate	16157	Resorcinol monoacetate
63530	4-Hydroxy-3-methoxymandelic acid	62668	Methyl 4-hydroxybenzoate	60269	Resorcinol monomethyl ether
64080	6-Hydroxy-4-methylcoumarin	27305	Methyl salicylate	60270	Salicylaldehyde
62674	2-Hydroxy-1-naphthalenealdehyde	62843	α -Methyl-DL-tyrosine	60271	Salicylamide
63858	1-Hydroxy-2-naphthalenecarboxylic acid	64108	4-Methylumbelliferone	27301	Salicylic acid
62675	3-Hydroxy-2-naphthalenecarboxylic acid	63822	1,3-Naphthalenediol	62865	Sodium pentachlorophenolate
63545	2-Hydroxynaphthoquinone-(1,4)	63821	1,4-Naphthalenediol	27308	5-Sulphosalicylic acid dihydrate
64083	2-Hydroxy-5-nitrophenyl sulphate dipotassium salt	64980	Naphthalenediol-1,6	63747	Syringaldehyde
64635	2-Hydroxyphenylacetic acid	64981	Naphthalenediol-1,7	64840	Syringic acid
62677	4-Hydroxyphenylacetic acid	63823	Naphthalenediol-(2,6)	16254	Thymol
64636	N-(4-Hydroxyphenyl)glycine	15803	Naphthol-(1)	63775	2,4,6-Tribromophenol
63548	3-(4-Hydroxyphenyl)propionic acid	15802	Naphthol-(1)	64902	2,3,6-Trichlorophenol
64084	4-Hydroxyphenylpyruvic acid	15805	Naphthol-(2)	65119	2,3,4-Trichlorophenol
63859	2-Hydroxypropiophenone	15871	Naphthol-(2)	65120	2,3,5-Trichlorophenol
62678	4-Hydroxypropiophenone	65056	2-Naphthol-3,6-disulphonic acid disodium salt	63126	2,4,5-Trichlorophenol
65027	8-Hydroxyquinaldine	63544	Naphtol AS®	63127	2,4,6-Trichlorophenol
		65216	3-Nitro-o-cresol	65122	2,4,6-Trihydroxybenzoic acid monohydrate
		62887	4-Nitro-m-cresol	65127	2,3,5-Trimethylphenol
		22071	5-Nitro-8-hydroxyquinoline	65128	2,3,6-Trimethylphenol
		62890	2-Nitrophenol	64928	2,4,6-Tris-(dimethylaminomethyl)-phenol
		60238	4-Nitrophenol	70010	Vanillin
		63693	4-Nitrosophenol		

2.1.5. Ethers

2.1.5.1. Aliphatic and alicyclic ethers

63246	Batyl alcohol	64035	Didodecyl ether	62501	Dihexyl ether
64314	Bis(chloromethyl)ether	64523	1,2,3,4-Diepoxybutane	64526	2,5-Dihydrofuran
61149	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxananoic acid potassium salt	64465	1,2-Diethoxyethane	60306	1,2-Dimethoxyethane
61148	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-- dioxananoyl fluoride	24005	Diethyl ether (<i>max.</i> 0,2% H ₂ O)	63454	Diocetyl ether
64378	Butyl vinyl ether	24004	Diethyl ether	64992	1,3-Dioxan
63806	<i>iso</i> -Butylvinyl ether	60343	Diethyl ethoxymethylenemalonate	24225	1,4-Dioxan
64390	(2-Chlorethyl)vinyl ether	60120	Diethylene glycol	24224	1,4-Dioxan
65134	12-Crown-4	64472	Diethylene glycol dibutyl ether	24241	Di- <i>iso</i> -propyl ether
65135	15-Crown-5	62425	Diethylene glycol diethyl ether	62581	Dipropylene glycol
64345	18-Crown-6	62426	Diethylene glycol dimethyl ether	64582	Epibromhydrin
63335	1,5,9-Cyclododecatriene monoxide	60439	Diethylene glycol ethyl- <i>tert.</i> -butyl ether	62598	1,2-Epoxybutane
63337	Cyclohexene oxide	60438	Diethylene glycol methyl- <i>tert.</i> -butyl ether	64583	2,3-Epoxy-1-propanol
62441	Di- <i>iso</i> -amyl ether	62428	Diethylene glycol monobutyl ether	64221	Ethoxyacetic acid
64820	Dibenzo-18-crown-6	62427	Diethylene glycol monoethyl ether	64235	4-Ethoxybenzaldehyde
24222	Di- <i>n</i> -butyl ether	62429	Diethylene glycol monomethyl ether	63466	2-Ethoxyethyl methacrylate
64690	2,2-Dichloroethyl methyl ether	60440	Diethylene glycol- <i>n</i> -butyl- <i>tert.</i> -butyl ether	64384	Ethoxymethylene-malonic acid dinitrile
64512	Dichloromethyl methyl ether	64041	Diheptyl ether	64383	3-Ethoxypropylamine
64032	Didecyl ether			64502	Ethyl diethoxyacetate
				64386	Ethyl ethoxymethylenecyanoacetate
				27718	Ethyl lactate

60436	Ethylene glycol ethyl- <i>tert.</i> -butyl ether	60496	2-Methoxyethylamine	63014	Polyethylene glycol 1000
60435	Ethylene glycol methyl- <i>tert.</i> -butyl ether	62771	3-Methoxypropionitrile	63015	Polyethylene glycol 1540
24215	Ethylene glycol monobutyl ether	15775	3-Methoxypropylamine	63016	Polyethylene glycol 4000
24206	Ethylene glycol monoethyl ether	24230	Methyl ethyl ketone	63017	Polyethylene glycol 6000
24234	Ethylene glycol monomethyl ether	61028	Methyl glycol tetrafluoroethyl ether	64811	Polyethylene glycol 10 000
60437	Ethylene glycol- <i>n</i> -butyl- <i>tert.</i> -butyl ether	65178	Pentaethylene glycol dimethyl ether	60500	Polyethylene glycol dimethyl ether 200
60437	Ethylene glycol- <i>n</i> -butyl- <i>tert.</i> -butyl ether	61141	(2H-Perfluoroethyl)-propen-(2)-ylether	64127	Polypropylene glycol 1025
62047	Ethylene oxide	61026	1H,1H,2H,3H,3H-Perfluorononylene oxide-(1,2)	65215	Sodiumaluminiumbis-(2-methoxyethoxy)-dihydride
02878	Ethylglycol bromoacetate	61142	(2H-Perfluoropropyl)-propen-(2)-ylether	63754	Tetraethylene glycol dimethyl ether
61029	Ethylglycol tetrafluoroethyl ether	63010	Polyethylene glycol 200	61027	Tetrafluoroethyl methyl ether
64591	Formaldehyde dimethyl acetal	63011	Polyethylene glycol 300	65171	1,1,2-Triethoxyethane
64617	Hexamethylene oxide	63012	Polyethylene glycol 400	63113	Triethylene glycol
64680	Methoxyacetic acid	63013	Polyethylene glycol 600	63114	Triethylene glycol dimethyl ether
63611	1-Methoxybutene(1)-in-(3) solution	64810	Polyethylene glycol 2000	63146	1,3,5-Trioxane
				60301	Vinyl ethyl ether

2.1.5.2. Aromatic ethers

64483	2-Amino-4-chlorodiphenyl ether	63825	2,4-Dimethoxybenzoic acid	60312	4-Methoxybenzoyl chloride
63219	4-Amino-4'-chlorodiphenyl ether	64536	2,6-Dimethoxybenzoic acid	62764	2-Methoxybenzyl alcohol
62759	2-Anisaldehyde	64986	3,5-Dimethoxybenzoic acid	62765	3-Methoxybenzyl alcohol
62760	3-Anisaldehyde	64989	2,6-Dimethoxybenzonitrile	64607	<i>trans</i> -2-Methoxycinnamic acid
15169	4-Anisaldehyde	62516	3,4-Dimethoxybenzonitrile	64999	<i>trans</i> -3-Methoxycinnamic acid
62097	Anise alcohol	63826	<i>trans</i> -2,4-Dimethoxycinnamic acid	64998	<i>trans</i> -4-Methoxycinnamic acid
62098	2-Anisidine	63428	<i>trans</i> -3,4-Dimethoxycinnamic acid	64682	1-Methoxynaphthalene
62099	3-Anisidine	64982	2,3-Dimethoxyphenol	60211	2-Methoxynaphthalene
62100	4-Anisidine	64048	2,6-Dimethoxyphenol	63612	4-Methoxy-3-nitroacetophenone
63256	4-Benzyloxylanilinium chloride	64983	3,5-Dimethoxyphenol	64950	2-Methoxy-4-nitroaniline
61114	2,2-Bis(4-tetrafluoroethoxyphenyl) propane	60144	3,4-Dimethoxyphenylacetic acid	62767	4-Methoxy-2-nitroaniline
60381	4-Bromoanisole	64061	2,4-Dinitroanisole	65000	2-Methoxyphenylacetic acid
64674	2-Bromoethylphenyl ether	60157	Diphenyl ether	62769	3-Methoxyphenylacetic acid
63957	2-Bromo-4-nitroanisole	23225	Ethyl guaiacol glycolate	62770	4-Methoxyphenylacetic acid
63958	2-Bromo-5-nitroanisole	70020	Ethylvanillin	62768	4-Methoxy- <i>m</i> -phenylenediamine
63959	4-Bromo-3-nitroanisole	61204	2-Fluoroanisole	65208	4-Methoxy- <i>o</i> -phenylenediammonium chloride
61097	4-Bromotetrafluoroethoxybenzene	61205	3-Fluoroanisole	63613	4-Methoxypropiophenone
63281	5-Bromovanillin	61206	4-Fluoroanisole	62772	6-Methoxy-1,2,3,4-tetrahydronaphthalinone-(1)
64473	4-Bromoveratrole	61159	4-Fluorodiphenyl ether	64701	3,4-Methylenedioxyphenol
64233	4-Butoxyacetophenone	61316	3-Fluoro-4-methoxyacetophenone	64614	Methyl 2-methoxybenzoate
64763	4-Butoxyaniline	61317	3-(3-Fluoro-4-methoxybenzoyl)-propionic acid	61110	Methyl 4-tetrafluoroethoxybenzoate
62252	2- <i>tert.</i> -Butyl-4-methoxyphenol	61503	4-Fluorophenoxyacetic acid	64735	2-Nitroanisole
61101	2- <i>sec.</i> -Butyltetrafluoroethoxybenzene	23301	Guaethol	64736	4-Nitroanisole
64869	4-Chloro- <i>o</i> -anisidine	23204	Guaiacol	60239	4-Nitroveratrole
62826	2-Chloroanisole	63516	Homoveratrylamine	61364	2,3,4,5,6-Pentafluoroanisole
62886	3-Chloroanisole	60182	Hydroquinone dimethyl ether	62963	<i>o</i> -Phenetidine
62288	4-Chloroanisole	60184	Hydroquinone monobenzyl ether	60245	<i>p</i> -Phenetidine
64833	5-Chloro-2,4-dimethoxyaniline	60185	Hydroquinone monomethyl ether	63708	Phenetole
65205	4-Chlorodiphenyl ether	60189	2-Hydroxy-5-methoxybenzaldehyde	64783	Phenoxyacetic acid
63323	2-Chloro-5-nitroanisole	65161	2-Hydroxy-4-methoxybenzophenone	62964	2-Phenoxybenzoic acid
63317	4-Chloro-3-nitroanisole	65174	2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid	60248	2-Phenoxyethanol
63293	4-Chlorophenoxyacetic acid	62673	4-Hydroxy-3-methoxycinnamic acid	63710	2-Phenoxypropionic acid
15798	3-Cresoxyacetic acid	63530	4-Hydroxy-3-methoxymandelic acid	63711	2-Phenoxypropionyl chloride
63993	4,4'-Diaminodiphenyl ether	63864	2-Iodoanisole	65080	3-Phenoxypropyl bromide
62446	Dibenzyl ether	63865	3-Iodoanisole	63744	Phenylethylene oxide
64694	2,3-Dichloroanisole	62704	4-Iodoanisole	63003	Piperonylamine
64702	2,6-Dichloroanisole	63870	2-Methoxyacetophenone	63018	Polyvinyl alcohol
64892	2,3-Dichlorophenoxyacetic acid	63871	3-Methoxyacetophenone	23158	Pyrocatechol mono-(2-hydroxyethyl)-ether
64531	2,4-Dimethoxyacetophenone	62758	4-Methoxyacetophenone	60267	Resorcinol dimethyl ether
64549	2,4-Dimethoxyaniline	62761	2-Methoxybenzoic acid	60269	Resorcinol monomethyl ether
62511	2,5-Dimethoxyaniline	63610	3-Methoxybenzoic acid	64832	Safrole
64532	3,4-Dimethoxyaniline	60210	4-Methoxybenzoic acid	63747	Syringaldehyde
64534	3,5-Dimethoxyaniline	64276	4-Methoxybenzonitrile	64840	Syringic acid
63824	2,3-Dimethoxybenzaldehyde	63872	3-Methoxybenzoyl chloride	61106	3-Tetrafluoroethoxyaniline
62512	2,4-Dimethoxybenzaldehyde			61107	2-Tetrafluoroethoxybenzaldehyde
62513	2,5-Dimethoxybenzaldehyde			61108	3-Tetrafluoroethoxybenzaldehyde
64535	3,5-Dimethoxybenzaldehyde				
64985	2,3-Dimethoxybenzoic acid				

61109 4-Tetrafluoroethoxybenzaldehyde
 61096 Tetrafluoroethoxybenzene
 61111 4-Tetrafluoroethoxybenzenesulphonyl chloride
 61113 2-Tetrafluoroethoxynaphthalene
 61102 2-Tetrafluoroethoxynitrobenzene
 61103 3-Tetrafluoroethoxynitrobenzene
 61104 4-Tetrafluoroethoxynitrobenzene
 61105 2-Tetrafluoroethoxy-5-nitrotoluene
 61098 2-Tetrafluoroethoxytoluene
 61099 3-Tetrafluoroethoxytoluene

61100 4-Tetrafluoroethoxytoluene
 63779 2,4,5-Trichlorophenoxyacetic acid
 65123 2,3,4-Trimethoxyacetophenone
 63788 2,4,5-Trimethoxyacetophenone
 64906 3,4,5-Trimethoxyacetophenone
 63789 2,4,6-Trimethoxybenzaldehyde
 63131 3,4,5-Trimethoxybenzaldehyde
 64907 1,2,4-Trimethoxybenzene
 65125 1,2,3-Trimethoxybenzene
 65126 1,3,5-Trimethoxybenzene
 63132 3,4,5-Trimethoxybenzoic acid

64908 3,4,5-Trimethoxybenzonitrile
 63790 2,4,5-Trimethoxybenzophenone
 63791 *trans*-3,4,5-Trimethoxycinnamic acid
 64911 3,4,5-Trimethoxyphenylacetic acid
 70010 Vanillin
 60298 Veratraldehyde
 60299 Veratric acid
 23106 Veratrole
 60300 Veratryl cyanide
 64941 Veratrylamine

2.1.5.3. Heterocyclic ethers

62061 Allylglycide ether
 62249 *n*-Butyl glycidyl ether
 62316 2-Chloro-6-methoxypyridine
 62417 Dehydroacetic acid
 62421 2,5-Diethoxytetrahydrofuran
 62518 *cis,trans*-2,5-Dimethoxytetrahydrofuran

63590 Khellin
 65181 2-Methoxy-1,4-dioxan
 64373 5-Methoxyindole
 65182 2-Methoxytetrahydrofuran
 63001 Piperine
 64806 Piperonyl alcohol

64382 Quinine
 63076 2 + 3-(Tetrahydrofurfuryloxy)tetrahydropyran
 63773 Triallyl cyanurate

2.1.6. Aldehydes and acetals

60471 Acetaldehyde
 65172 Acetaldehyde diethyl acetal
 62002 4-Acetamidobenzaldehyde
 63589 Acetoacetaldehyde-1-dimethylacetal
 64222 1-Acetyl-3-indolaldehyde
 60008 Acrolein
 64207 Acrolein diethyl acetal
 64334 Aldoldimethylacetal
 64317 Aminoacetaldehyde diethyl acetal
 64257 Aminoacetaldehyde dimethyl acetal
 65139 2-Aminobenzaldehyde
 64290 3-Aminobenzaldehyde
 64282 4-Aminobenzaldehyde
 62759 2-Anisaldehyde
 62760 3-Anisaldehyde
 02874 Bromoacetaldehyde diethyl acetal
 15169 4-Anisaldehyde
 64285 9-Anthracenecarbaldehyde
 15173 Benzaldehyde
 64819 Benzaldehyde-2,4-disulphonic acid disodium salt dihydrate
 64332 Bromal
 62160 Bromoacetaldehyde diethyl acetal
 64329 Bromoacetaldehyde dimethyl acetal
 62173 2-Bromobenzaldehyde
 62174 3-Bromobenzaldehyde
 62175 4-Bromobenzaldehyde
 61172 3-Bromo-4-fluorobenzaldehyde
 64826 1-Bromo-2-naphthaldehyde
 63281 5-Bromovanillin
 15263 *n*-Butyraldehyde
 15687 *iso*-Butyraldehyde
 62259 Caprinaldehyde
 62263 Capronaldehyde
 62266 Caprylaldehyde
 60092 Chloral
 15307 Chloral hydrate
 62290 2-Chlorobenzaldehyde
 62291 3-Chlorobenzaldehyde
 62292 4-Chlorobenzaldehyde
 63309 2-Chloro-4-dimethylaminobenzaldehyde
 61394 2-Chloro-6-fluorobenzaldehyde
 63182 *trans*-Cinnamaldehyde

62363 Citral
 62364 Crotonaldehyde
 62387 Cyclohexanecarbaldehyde
 65158 3,5-Dibromo-4-hydroxybenzaldehyde
 62478 2,4-Dichlorobenzaldehyde
 62479 2,6-Dichlorobenzaldehyde
 62480 3,4-Dichlorobenzaldehyde
 63407 4-Diethylaminobenzaldehyde
 64967 2,3-Dihydroxybenzaldehyde
 64529 2,5-Dihydroxybenzaldehyde
 62506 3,4-Dihydroxybenzaldehyde
 63824 2,3-Dimethoxybenzaldehyde
 62512 2,4-Dimethoxybenzaldehyde
 62513 2,5-Dimethoxybenzaldehyde
 64535 3,5-Dimethoxybenzaldehyde
 64539 *N,N*-Dimethylacetamide dimethyl acetal
 60146 4-Dimethylaminobenzaldehyde
 64550 *N,N*-Dimethylformamide diethyl acetal
 64551 *N,N*-Dimethylformamide dimethyl acetal
 64563 2,4-Dinitrobenzaldehyde
 62563 Diphenylacetaldehyde
 62925 Enanthaldehyde
 64235 4-Ethoxybenzaldehyde
 64955 2-Ethylbuten-(2)-al
 70020 Ethylvanillin
 61268 2-Fluorobenzaldehyde
 61269 3-Fluorobenzaldehyde
 61270 4-Fluorobenzaldehyde
 61427 3-Fluoro-6-nitrobenzaldehyde
 61428 4-Fluoro-2-nitrobenzaldehyde
 64591 Formaldehyde dimethyl acetal
 15512 Formaldehyde solution 37% by weight
 15513 Formaldehyde solution 35—37% by weight
 15517 Furfural
 62621 Glutardialdehyde solution
 60487 Glutardialdehyde solution
 63493 D(+)-Glyceraldehyde
 62345 Glycolaldehyde
 15520 Glyoxal solution about 40%
 15519 Glyoxal solution *abt.* 30%
 63495 Glyoxylic acid monohydrate

15580 Glyoxylic acid solution about 50%
 15608 Heliotropin
 64078 2-Hexene-(1)-al
 60476 4-Hexylbenzaldehyde
 62683 Hydrocinnamaldehyde
 65148 2-Hydroxyacetaldehyde diethylacetal
 64626 3-Hydroxybenzaldehyde
 62665 4-Hydroxybenzaldehyde
 60189 2-Hydroxy-5-methoxybenzaldehyde
 62674 2-Hydroxy-1-naphthalenealdehyde
 62721 Lauraldehyde
 62781 4-Methylbenzaldehyde
 63924 3-Methylbenzaldehyde
 60443 2-Methylbutyraldehyde
 62821 1-Methylpentanal
 63657 *N*-Methylpyrrolaldehyde-(2)
 63667 Mucobromic acid
 63668 Mucochloric acid
 63671 Naphthaldehyde-(1)
 63672 Naphthaldehyde-(2)
 62875 3-Nitrobenzaldehyde
 62876 4-Nitrobenzaldehyde
 65218 4-Nitrocinnamaldehyde
 65071 2-Nitrocinnamaldehyde
 60446 *iso*-Nonylaldehyde
 16005 Paraformaldehyde
 16004 Paraldehyde
 64766 Pelargonaldehyde
 61367 Pentafluorobenzaldehyde
 62965 Phenylacetaldehyde dimethyl acetal
 65081 Phenylacetaldehyde solution
 64122 Phenylglyoxal
 60447 2-Phenylpropionaldehyde
 65087 Phloroglucinaldehyde
 62990 Phthalaldehydic acid
 63727 Phthaldialdehyde
 62696 *iso*-Phthaldialdehyde
 64593 1-Piperidinecarbaldehyde
 16535 Pivalaldehyde
 16032 Propionaldehyde
 63027 4-*iso*-Propylbenzaldehyde
 60477 4-Propylbenzaldehyde

64128	Pyridylaldehyde-(2)	61107	2-Tetrafluoroethoxybenzaldehyde	61384	Trifluoroacetaldehyde hydrate
64129	Pyridylaldehyde-(3)	61108	3-Tetrafluoroethoxybenzaldehyde	63789	2,4,6-Trimethoxybenzaldehyde
64130	Pyridylaldehyde-(4)	61109	4-Tetrafluoroethoxybenzaldehyde	63131	3,4,5-Trimethoxybenzaldehyde
64830	2-Pyrrolicarbaldehyde	63757	1,2,3,6-Tetrahydrobenzaldehyde	64914	2,4,6-Trimethylbenzaldehyde
60270	Salicylaldehyde	63096	Thiophenecarbaldehyde-(2)	60441	<i>n</i> -Valeraldehyde
63747	Syngaldehyde	65171	1,1,2-Triethoxyethane	60442	<i>iso</i> -Valeraldehyde
63058	Terephthalaldehyde	61385	Trifluoroacetaldehyde ethyl hemiacetal	70010	Vanillin
65168	1,1,3,3-Tetraethoxypropane			60298	Veratraldehyde

2.1.7. Ketones and ketals

2.1.7.1. Aliphatic and alicyclic ketones and ketals

63589	Acetoacetaldehyde-1-dimethylacetal	62484	2,3-Dichloro-5,6-dicyan-p-benzoquinone	63537	2-Hydroxy-2-methylbutanone-(3)
62004	Acetoacetanilide	61414	1,3-Dichloro-1,1,3,3-tetrafluoroacetone	62711	α -Ionone
24201	Acetone			63577	β -Ionone
60006	Acetylacetone	63406	Didecyl ketone	62695	Isophorone
63945	Allylacetone	64414	Diethyl acetone dicarboxylate	63594	Levulinic acid
63950	Amyl <i>iso</i> -propyl ketone	62431	Diethyl ketone	62744	Mesityl oxide
15306	1,4-Benzoquinone	63410	Diheptyl ketone	64206	Methyl acetoacetate
64794	(+)-3-Bromocamphor	63411	Diethyl ketone	60224	Methyl propyl ketone
64787	(+)-3-Bromocamphor-8-sulphonic acid ammonium salt	62517	2,2-Dimethoxypropane	63659	Methyl pyruvate
64338	(+)-3-Bromocamphor-8-sulphonic acid monohydrate	62007	Dimethyl acetonedicarboxylate	62844	Methyl vinyl ketone
64339	(+)-3-Bromocamphor-10-sulphonic acid monohydrate	65136	2,6-Dimethylcyclohexanone	64686	Methyl-1,4-benzoquinone
64730	3-Bromo-2-oxobutyric acid	64552	2,6-Dimethyl-2,5-heptadiene-4-one	60222	Methyl <i>iso</i> -butyl ketone
63285	Butyl heptyl ketone	62539	2,4-Dimethylpentanone-(3)	64388	Methyl 2-chloroacetoacetate
64205	<i>tert</i> .-Butylacetoacetate	63452	Dinonyl ketone	64692	2-Methyl-1,3-cyclohexanedione
62248	4- <i>tert</i> .-Butylcyclohexanone	63455	Diethyl ketone	65001	3-Methylcyclohexanone
64708	D(+)-Camphorsulphonic acid	63461	Diethyl ketone	64697	4-Methylcyclohexanone
64392	<i>o</i> -Chloranil	60003	Diethyl ketone	60433	2-Methylcyclopentanedione-(1,3)
62284	<i>p</i> -Chloranil	64204	Ethyl acetoacetate, sodium derivative	64897	2-Methyl-3-heptanone
64398	3-Chloro-2-butanone	64658	Ethyl acetoacetate	63637	5-Methyl-3-heptanone
62307	2-Chlorocyclohexanone	62159	Ethyl levulinate	62808	5-Methyl-2-hexanone-(2)
62342	1-Chloropropanone	63477	Ethyl pyruvate	63913	Nonanone-(2)
64444	Cyclododecanone	64387	Ethyl <i>iso</i> -butyl ketone	62908	Nonanone-(3)
62381	Cycloheptanone	64883	Ethyl 2-chloroacetoacetate	62909	Nonanone-(5)
64537	1,2-Cyclohexanedione	64504	Ethyl 4-chloroacetoacetate	62918	Octanone-(2)
64542	1,4-Cyclohexanedione	63479	Ethyl α,α -diethylacetoacetate	62919	Octanone-(3)
24218	Cyclohexanone	65149	Ethyl <i>iso</i> -propyl ketone	63704	Oxalacetic acid
64455	2-Cyclohexen-1-one	64092	Ethyl 4,4,4-trifluoroacetoacetate	62714	2-Oxobutyric acid
62400	Cyclooctanone	62628	Heptanone-(2)	27624	Pyruvic acid
63342	Cyclopentadecanone	62629	Heptanone-(3)	64662	Pyruvic acid nitrile
62404	Cyclopentanone	62633	Heptanone-(4)	63081	α -Tetralone
62408	Cyclopropyl methyl ketone	62637	Hexachloroacetone	61456	1,1,1-Trichloro-3,3,3-trifluoroacetone
62412	Decanone-(2)	61357	Hexadecanone-(3)	63129	Tridecanone-(2)
62413	Decanone-(3)	62642	Hexafluoroacetylacetone	01815	1,1,1-Trifluoroacetone
24220	Diacetone alcohol	62646	2,5-Hexanedione	61388	Trifluoroacetylacetone
62420	Diacetyl	62647	Hexanone-(2)	63165	2-Undecanone
63378	1,3-Dichloroacetone	65022	Hexanone-(3)	63501	4-Undecanone
		62671	Hydroxyacetone	63286	5-Undecanone
			3-Hydroxybutanone-(2)	63366	6-Undecanone

2.1.7.2. Aromatic ketones and ketals

64200	Acenaphthenequinone	62101	Anthraquinone	62133	Benzylideneacetophenone
15007	Acetophenone	64510	Anthraquinone-2-sulphonic acid sodium salt	64790	Benzyl- <i>iso</i> -propyl ketone
64360	2-Acetylbenzoic acid			60415	α -Bromoacetophenone
63199	2-Acetylfluorene	62113	Benzil	65142	3-Bromoacetophenone
62015	2-Acetylnaphthalene	15249	Benzoin	62163	4-Bromoacetophenone
63200	3-Acetylphenanthrene	60050	Benzophenone	62171	2-Bromoanisole
62066	2-Aminoacetophenone	64789	Benzoyl cyanide	62172	3-Bromoanisole
62067	3-Aminoacetophenone	64298	Benzoyl formaldehyde oxime	61483	ω -Bromo-4-fluoroacetophenone
62068	4-Aminoacetophenone	62124	Benzoylacetone	62223	2-Bromopropiophenone
62069	1-Aminoanthraquinone	62125	2-Benzoylbenzoic acid	64283	Bromopyruvic acid
62070	2-Aminoanthraquinone	64299	3-Benzoylpropionic acid	64233	4-Butoxyacetophenone
64265	2-Aminobenzophenone	61218	Benzoyl-1,1,1-trifluoroacetone	62256	Butyrophenone
63210	4-Aminobenzophenone	62137	Benzyl methyl ketone	64565	ω -Chloroacetophenone
64275	2-Aminobenzophenone-2'-carboxylic acid	62139	Benzyl propyl ketone	62276	4-Chloroacetophenone
62076	2-Amino-5-chlorobenzophenone	62130	Benzylacetone	62289	1-Chloroanthraquinone
		62132	Benzylideneacetone		

62297	4-Chlorobenzophenone	62607	Fluorenone-(9)	63871	3-Methoxyacetophenone
65177	ω -Chlorobutyrophenone	61254	2-Fluoroacetophenone	62758	4-Methoxyacetophenone
63305	4-Chlorobutyrophenone	61256	4-Fluoroacetophenone	63612	4-Methoxy-3-nitroacetophenone
61514	2-Chloro-4'-fluorobenzophenone	61279	2-Fluorobenzophenone	63613	4-Methoxypropiofenone
61124	ω -Chloro-4-fluorobutyrophenone	61280	4-Fluorobenzophenone	62772	6-Methoxy-1,2,3,4-tetrahydronaphthalinone-(1)
61487	2-Chloro-6-fluorophenyl acetone	61511	3-(4-Fluorobenzoyl)-propionic acid	62776	4-Methylacetophenone
61497	2-(2-Chloro-6-fluorophenyl)-acetoacetic acid	61306	5-Fluoro-2-hydroxyacetophenone	62778	1-Methylaminoanthraquinone
61498	2-(2-Chloro-6-fluorophenyl)-acetoacetonitrile	61307	4-(3-Fluoro-4-hydroxyphenyl)butyric acid	63901	3-Methylpropiofenone
62418	Deoxybenzoin	61316	3-Fluoro-4-methoxyacetophenone	63905	1,2-Naphthoquinone
64576	3,5-Diacetoxy-acetophenone	61317	3-(3-Fluoro-4-methoxybenzoyl)-propionic acid	64727	1,4-Naphthoquinone
63356	1,4-Diaminoanthraquinone	61493	2-(2-Fluorophenyl)-acetoacetic acid	62870	2-Nitroacetophenone
62443	Dibenzosuberone	61494	2-(4-Fluorophenyl)-acetoacetic acid	62871	3-Nitroacetophenone
60124	Dibenzoylmethane	61495	2-(2-Fluorophenyl)-acetoacetonitrile	62872	4-Nitroacetophenone
64001	1,5-Dibenzoylnaphthalene	61496	2-(4-Fluorophenyl)-acetoacetonitrile	61366	Pentafluoroacetophenone
62449	ω ,4-Dibromoacetophenone	61161	2-Fluorophenylacetone	62961	Phenanthrenequinone-(9,10)
64015	2,5-Dichloroacetophenone	61164	4-Fluorophenylacetone	64946	4-Phenylacetophenone
63390	2,3-Dichloronaphthoquinone-(1,4)	61348	4-Fluoropropiofenone	64122	Phenylglyoxal
61158	4,4'-Difluorobenzophenone	62660	2-Hydroxyacetophenone	63720	2-Phenylindanedione-(1,3)
61515	2,4'-Difluorobenzophenone	62661	4-Hydroxyacetophenone	65084	4-Phenylphenacyl bromide
62502	2,4-Dihydroxyacetophenone	62669	4-Hydroxybenzophenone	64787	Phenylpyruvic acid
64966	2,5-Dihydroxyacetophenone	65161	2-Hydroxy-4-methoxybenzophenone	63725	Phenylpyruvic acid sodium salt
62503	2,6-Dihydroxyacetophenone	65174	2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid	63025	Propiofenone
62504	1,4-Dihydroxyanthraquinone	63545	2-Hydroxynaphthoquinone-(1,4)	64859	Tetramethyl-1,4-benzoquinone
62505	1,8-Dihydroxyanthraquinone	64084	4-Hydroxyphenylpyruvic acid	63088	Tetraphenylcyclopentadiene-(2,4)-on-(1)
63818	2,6-Dihydroxyanthraquinone	63859	2-Hydroxypropiofenone	63772	1,3,5-Triacetylbenzene
63415	2,4-Dihydroxybenzophenone	62678	4-Hydroxypropiofenone	61461	2-Trifluoromethylacetophenone
65163	1-(2,4-Dihydroxyphenyl)-hexanone-(1)	63563	Indanedione-(1,3)	61462	4-Trifluoromethylacetophenone
63417	2,4-Dihydroxypropiofenone	62349	Indanone-(1)	61153	N-[2'-(Trifluoromethyl)-phenyl]- β -cetobutyramide
64531	2,4-Dimethoxyacetophenone	63588	Juglone	65123	2,3,4-Trimethoxyacetophenone
64053	2,5-Dimethylbenzophenone	63870	2-Methoxyacetophenone	63788	2,4,5-Trimethoxyacetophenone
64054	3,4-Dimethylbenzophenone			64906	3,4,5-Trimethoxyacetophenone
62564	1,3-Diphenylacetone			63790	2,4,5-Trimethoxybenzophenone
62126	Ethyl benzoylacetate			63792	2,4,6-Trimethylacetophenone
62041	Ethyl benzyl ketone			63171	Valerophenone
62039	2-Ethylanthraquinone				

2.1.7.3. Heterocyclic ketones and ketals

63939	2-Acetylbutyrolactone	65185	5-Bromothiophenecarbaldehyde-2	63614	2-Methoxypyridine
64222	1-Acetyl-3-indolaldehyde	60431	1,1'-Carbonyldiimidazole	64096	6-Methylcoumarin
64228	3-Acetylindole	63965	2-Chlorobenzal bromide	62801	3,3'-Methylenebis(4-hydroxycoumarin)
64217	2-Acetyl-N-methylpyrrole	15705	Creatinine	62832	1-Methyl-4-piperidinone
62013	4-Acetylmorpholine	63986	Dehydroacetic acid sodium salt	15780	N-Methylpyrrolidone-(2)
62016	2-Acetylpyridine	63987	N,N-Diacetylaminothodanine	64105	N-Methylrhodanine
62017	3-Acetylpyridine	63372	1,3-Dibromo-5,5-dimethylhydantoin	62932	5-Oxo-L-proline
62018	4-Acetylpyridine	64960	Dichlorocyanuric acid	62975	1-Phenyl-3-methylpyrazolone-(5)
64210	2-Acetylpyrrole	63387	1,3-Dichloro-5,5-dimethylhydantoin	63001	Piperine
65159	2-Acetylthiophen	64042	Dihydrocoumarin	63030	4-Propyl-2-thiouracil
64208	Acridanone	60426	2,4-Dimethyl-5-acetylthiazole	64824	2,2'-Pyridil
63203	Allantoin	65155	5,5-Dimethylhydantoin	63046	Pyrrolidone-(2)
64443	6-Aminopenicillanic acid	64568	5,5-Diphenylhydantoin	61381	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
64300	2-Benzoylpyridine	64074	Furfuralacetone	65104	2,4-Thiazolidinedione
62329	3-Benzoylpyridine	62656	Hydantoin	63095	2-Thiohydantoin
62391	4-Benzoylpyridine	63991	5-Hydroxybarbituric monohydrate	65115	Trichloro-iso-cyanuric acid
62129	2-Benzoylthiophene	64080	6-Hydroxy-4-methylcoumarin	63810	N-Vinylpyrrolidone-(2)
62138	1-Benzylpiperidinone-(4)	63542	3-Hydroxy-2-methyl-1,4-pyrone	63181	Xanthone
61171	3-Bromo-4-fluoroacetophenone	63590	Khellin		
64657	5-Bromoisatine				

2.1.8. Carboxylic acids and salts

2.1.8.1. Aliphatic and alicyclic unsubstituted carboxylic acids and salts

27221	Acetic acid 99—100 %	27218	Acetic acid 80 %	64209	cis-Aconitine
27279	Acetic acid 99—100 %	62010	Acetylenedicarboxylic acid	62023	Acrylic acid
27222	Acetic acid 99—100 %	62011	Acetylenedicarboxylic acid monopotassium salt	64202	1-Adamantaneacetic acid
27225	Acetic acid min. 99,5 %			62028	1-Adamantanecarboxylic acid
27264	Acetic acid 90 %	63201	trans-Aconitic acid	27635	Adipic acid

64890	Allylmalonic acid	27002	Formic acid <i>about 85 %</i>	27736	Oxalic acid dihydrate <i>cryst.</i>
62104	Azelainic acid	27001	Formic acid <i>98 – 100 %</i>	64598	Palladium(II) acetate
63247	Behenic acid	62609	Fumaric acid	27734	Palmitic acid
64726	2-Bromooctanoic acid	64595	Fumaric acid disodium salt	62939	Pelargonic acid
62234	3-Butenoic acid	64604	Glutaric acid	64773	Pentadecanoic acid
60083	Butyl malonic acid	63599	Heptadecanoic acid	62997	Pimelic acid
27626	<i>n</i> -Butyric acid	60461	Isooctadecanoic acid	63021	Propiolic acid
27628	<i>iso</i> -Butyric acid	62698	Itaconic acid	27747	Propionic acid
60088	<i>n</i> -Caproic acid	62722	Lauric acid	27805	Sebacic acid
27633	<i>n</i> -Caprylic acid	62155	Lead(IV) acetate	63050	Silver acetate
62365	Crotonic acid	65039	Linoleic acid	63742	Sorbic acid
64441	Cyclobutanoic acid	62730	Maleic acid	27403	Stearic acid
64447	Cyclohexanecarboxylic acid	27711	Malonic acid	27405	Stearic acid
62402	Cyclopentanecarboxylic acid	27712	Malonic acid	63933	Suberic acid
62407	Cyclopropanecarboxylic acid	62742	Mesaconic acid	27616	Succinic acid
63984	Decylsuccinic acid	62747	Methacrylic acid	62146	Succinic acid disodium salt hexahydrate
64506	Diethylmalonic acid	62793	3-Methyl-2-butenic acid	64855	Tetradecanedioic acid
62526	3,3-Dimethylbutyric acid	64691	DL-2-Methylbutyric acid	64867	Thallium(III) acetate sesquihydrate
63836	2,4-Dimethylglutaric acid	63632	2-Methylglutaric acid	63093	Thioacetic acid
62532	3,3-Dimethylglutaric acid	65043	Methylmalonic acid	63102	Tiglic acid
64976	Dimethylmalonic acid	64709	2-Methylsuccinic acid	63782	Tridecanoic acid
63447	2,3-Dimethylsuccinic acid	62847	Myristic acid	60460	<i>iso</i> -Tridecanoic acid
64578	Dodecanedioic acid	60459	<i>iso</i> -Nonanoic acid	63803	Undecanoic acid
64070	Dodecylsuccinic acid	60457	<i>iso</i> -Octanoic acid	27817	Undecylenic acid
62926	Enanthic acid	64120	Octylsuccinic acid	27818	Valeric acid
63465	Erucic acid	27728	Oleic acid	60456	<i>iso</i> -Valeric acid
62042	2-Ethylbutyric acid	27730	Oxalic acid		
15061	2-Ethylhexanoic acid	27725	Oxalic acid dihydrate <i>cryst.</i>		
64357	Ethylmalonic acid	27726	Oxalic acid dihydrate <i>powder</i>		

2.1.8.2. Aliphatic and alicyclic substituted carboxylic acids and salts

62001	2-Acetamidoacrylic acid	15704	Creatine monohydrate	61304	4-Fluoroglutamic acid
63216	DL-3-Aminobutyric acid	15722	Creatinine hydrochloride	63492	Gibberellic acid
64266	4-Aminobutyric acid	15798	3-Cresoxyacetic acid	64784	Gluconic acid potassium salt
63214	DL-2-Aminobutyric acid	27206	Cyanoacetic acid	62620	Gluconic acid sodium salt
62075	6-Aminocaproic acid	15337	L(+) -Cysteine hydrochloride	27647	L(+) -Glutamic acid
63227	DL-4-Amino-3-hydroxybutyric acid	63358	DL-2,4-Diaminobutyryl dihydrochloride	60172	Glycine
63238	DL-2-Aminopimelic acid			15527	Glycine
15155	L-Asparagine monohydrate	64507	1,6-Diaminohexane-N,N,N',N'-tetraacetic acid	27674	Glycollic acid
27608	L-Aspartic acid	63999	2,6-Diaminopimelic acid	63495	Glyoxylic acid monohydrate
61149	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonanoic acid potassium salt	64379	Dibromoacetic acid	15580	Glyoxylic acid solution <i>about 50 %</i>
27202	Bromoacetic acid	64005	2,3-Dibromobutyric acid	65023	Hydantoic acid
62183	2-Bromobutyric acid	63375	2,3-Dibromopropionic acid	63519	DL-2-Hydroxybutyric acid
64753	α -Bromo- <i>iso</i> -butyric acid	62452	2,3-Dibromosuccinic acid	63527	2-Hydroxy- <i>iso</i> -butyric acid
64348	2-Bromocaproic acid	27208	Dichloroacetic acid	65026	4-Hydroxybutyric acid sodium salt
64608	2-Bromodecanoic acid	64792	2,5-Dichlorobenzoic acid	63547	2-Hydroxyhexadecanoic acid
64621	2-Bromododecanoic acid	64842	2,3-Dichloroisobutyric acid sodium salt	63549	3-Hydroxypropionic acid
64633	2-Bromoheptanoic acid	64961	2,3-Dichloropropionic acid	63557	12-Hydroxystearic acid
64637	2-Bromohexadecanoic acid	63395	2,2-Dichloropropionic acid sodium salt	63543	2-Hydroxytetradecanoic acid
64721	2-Bromononanoic acid	64831	<i>meso</i> -2,3-Dichlorosuccinic acid	65036	Iminodiacetic acid
64730	3-Bromo-2-oxobutyric acid	64037	Diethylenetriaminepentaacetic acid	63562	Iminodiacetic acid disodium salt
62219	2-Bromopropionic acid			62707	Iodoacetic acid
62627	3-Bromopropionic acid	64038	Diethylenetriaminepentaacetic acid pentasodium salt	62708	Iodoacetic acid sodium salt
63279	Bromosuccinic acid			27714	Lactic acid
64731	2-Bromotetradecanoic acid	62509	Dihydroxyfumaric acid	63592	L(+) -Lactic acid solution
64734	2-Bromoundecanoic acid	63460	4,4'-Dithiodibutyric acid	63594	Levulinic acid
63280	11-Bromoundecanoic acid	64221	Ethoxyacetic acid	27606	Malic acid
63268	2-Bromovaleric acid	27248	Ethylenediaminetetraacetic acid	62033	L(-)-Malic acid
02879	2-Bromo- <i>iso</i> -valeric acid	64072	Ethylenediaminetetraacetic acid dipotassium salt dihydrate	62739	2-Mercaptopropionic acid
27203	Chloroacetic acid			62740	3-Mercaptopropionic acid
62313	Chloroacetic acid sodium salt	27285	Ethylenediaminetetraacetic acid disodium salt dihydrate	62738	Mercaptosuccinic acid
64839	4-Chlorobutyric acid	27270	Ethylenediaminetetraacetic acid disodium salt dihydrate	64672	Mesoxalic acid monohydrate
61224	Chlorodifluoroacetic acid			63608	L-Methionine sulphone
15388	2-Chloropropionic acid	27261	Ethylenediaminetetraacetic acid tetrasodium salt	63609	L-Methionine sulfoxide
62344	3-Chloropropionic acid			63745	DL-Methionine sulfoxide
27109	Citric acid	64073	Ethylenediaminetetraacetic acid trisodium salt	64680	Methoxyacetic acid
27102	Citric acid monohydrate <i>gritty</i>			62777	2-Methylalanine
27104	Citric acid monohydrate <i>powder</i>	61291	Fluoroacetic acid sodium salt	64669	Monomethyl malonate potassium salt

64834	Mucic acid	61035	Perfluorooctanoic acid	61361	Thallium(III) trifluoroacetate
63667	Mucobromic acid	61380	Perfluorosuccinic acid	64862	Thioacetic acid potassium salt
63668	Mucochloric acid	27624	Pyruvic acid	63092	2,2'-Thiodiacetic acid
63704	Oxalacetic acid	62272	Quinic acid	63766	3,3'-Thiodipropionic acid
62714	2-Oxobutyric acid	16145	Sarcosine	60280	Thioglycollic acid
65075	D-Pantothenic acid solution	10411	Silver trifluoroacetate	27813	Thioglycollic acid 80%
61258	2,2,3,3,3-Pentafluoropropionic acid	63177	<i>meso</i> -Tartaric acid monohydrate	65111	Tribromoacetic acid
61354	Perfluorobutyric acid	27504	L(+)-Tartaric acid <i>gritty</i>	27242	Trichloroacetic acid
61447	Perfluoroglutaric acid	27506	L(+)-Tartaric acid <i>powder</i>	61030	Trifluoroacetic acid
61033	Perfluoroheptanoic acid	63176	D(-)-Tartaric acid	61259	Trifluoroacetic acid sodium salt
61036	Perfluorononanoic acid	63923	DL(-)-Tartaric acid	20831	Urethane
		64132	Taurocholic acid sodium salt		

2.1.8.3. Aromatic unsubstituted carboxylic acids and salts

62120	1,2,3-Benzenetricarboxylic acid	64988	3,4-Dimethylbenzoic acid	63906	Naphthyl-(2)-acetic acid
62121	1,2,4-Benzenetricarboxylic acid	63434	3,5-Dimethylbenzoic acid	60254	Phenylacetic acid
62122	1,3,5-Benzenetricarboxylic acid	62571	Diphenylacetic acid	63714	3-Phenylbutyric acid
62123	1,2,4-Benzenetricarboxylic acid anhydride-1,2	62657	Hydratropic acid	63190	4-Phenylbutyric acid
18102	Benzoic acid	62684	Hydrocinnamic acid	27737	2-Phenylbutyric acid
64544	Benzylmalonic acid	62782	2-Methylbenzoic acid	64123	Phenylmalonic acid
62149	2-Biphenylcarboxylic acid	62783	3-Methylbenzoic acid	64786	DL-Phenylsuccinic acid
62150	4-Biphenylcarboxylic acid	62784	4-Methylbenzoic acid	62697	<i>iso</i> -Phthalic acid
62151	2,2'-Biphenyldicarboxylic acid	62850	Naphthalene-1-carboxylic acid	63043	Pyromellitic acid
62242	4- <i>tert</i> -Butylbenzoic acid	62851	Naphthalene-2-carboxylic acid	63059	Terephthalic acid
64393	3-Chlorobenzoic acid	64110	Naphthalene-(2,3)-dicarboxylic acid	63765	Thiobenzoic acid
63185	Cinnamic acid	63673	Naphthalene-1,4,5,8-tetracarboxylic acid	63769	2-Tolylacetic acid
64545	α -Cyclohexylphenylacetic acid	62859	Naphthyl-(1)-acetic acid	63770	3-Tolylacetic acid
64987	2,4-Dimethylbenzoic acid			63771	4-Tolylacetic acid
				63134	2,4,6-Trimethylbenzoic acid

2.1.8.4. Aromatic substituted carboxylic acids and salts

63194	3-Acetamidobenzoic acid	63971	<i>trans</i> -3-Chlorocinnamic acid	62481	2,4-Dichlorobenzoic acid
64360	2-Acetylbenzoic acid	63307	<i>trans</i> -4-Chlorocinnamic acid	62482	2,6-Dichlorobenzoic acid
62071	3-Aminobenzoic acid	63310	4-Chloro-3,5-dinitrobenzoic acid	62483	3,4-Dichlorobenzoic acid
15141	4-Aminobenzoic acid	61166	2-Chloro-6-fluorobenzoic acid	65210	3,5-Dichlorobenzoic acid
15138	2-Aminobenzoic acid	61480	2-Chloro-6-fluorophenyl acetic acid	64514	3,4-Dichloronitrobenzene
64264	3-Aminobenzoic acid hydrochloride	61497	2-(2-Chloro-6-fluorophenyl)-acetoacetic acid	64892	2,3-Dichlorophenoxyacetic acid
64275	2-Aminobenzophenone-2'-carboxylic acid	62334	Chlorogenic acidhemihydrate	64898	2,4-Dichlorophenylacetic acid
63217	3-Amino-4-chlorobenzoic acid	64141	3-Chloro-4-hydroxybenzoic acid	64899	2,6-Dichlorophenylacetic acid
64475	2-Amino-4'-chlorodiphenylamine-2'-carboxylic acid	64273	4-Chloromandelic acid	64930	4,5-Dichlorophthalic acid
64269	4-Amino-2-hydroxybenzoic acid	62314	4-(Chloromercuri)benzoic acid	60140	2,4-Dihydroxybenzoic acid
64412	2-Amino-5-iodobenzoic acid	62315	4-(Chloromercuri)benzoic acid sodium salt	62507	2,5-Dihydroxybenzoic acid
65199	2-Aminonaphthalenecarboxylic acid	64417	2-Chloro-4-nitrobenzoic acid	60141	2,6-Dihydroxybenzoic acid
64910	2-Amino-4-nitrobenzoic acid	63122	2-Chloro-5-nitrobenzoic acid	63820	3,4-Dihydroxybenzoic acid
60414	4-Aminophenylacetic acid	64226	4-Chloro-2-nitrobenzoic acid	60142	3,5-Dihydroxybenzoic acid
62078	5-Amino <i>iso</i> -phthalic acid	62324	4-Chloro-3-nitrobenzoic acid	62510	3,4-Dihydroxycinnamic acid
63722	DL-Atrolactic acid hemihydrate	62335	3-Chloroperbenzoic acid	64984	3,5-Diiodo-2-hydroxybenzoic acid
15228	Benzilic acid	63293	4-Chlorophenoxyacetic acid	64985	2,3-Dimethoxybenzoic acid
62125	2-Benzoylbenzoic acid	63220	2-Chlorophenylacetic acid	63825	2,4-Dimethoxybenzoic acid
64299	3-Benzoylpropionic acid	62338	3-Chlorophenylacetic acid	64536	2,6-Dimethoxybenzoic acid
62176	2-Bromobenzoic acid	64437	4-Chlorophenylacetic acid	64986	3,5-Dimethoxybenzoic acid
62177	3-Bromobenzoic acid	64577	4-Cyanobenzoic acid	63826	<i>trans</i> -2,4-Dimethoxycinnamic acid
62178	4-Bromobenzoic acid	62435	3,5-Diaminobenzoic acid	63428	<i>trans</i> -3,4-Dimethoxycinnamic acid
63262	5-Bromo-2,4-dihydroxybenzoic acid	64476	3,4-Diaminobenzoic acid	60144	3,4-Dimethoxyphenylacetic acid
61170	3-Bromo-4-fluorobenzoic acid	63330	Dibenzoyl-D(+) -tartaric acid monohydrate	63430	3-Dimethylaminobenzoic acid
64351	4-Bromomethylbenzoic acid	62445	Dibenzoyl-L(-) -tartaric acid monohydrate	64049	4-Dimethylaminobenzoic acid
62215	DL- α -Bromophenylacetic acid	63371	2,5-Dibromobenzoic acid	63451	3,4-Dinitrobenzoic acid
65180	2-Bromophenylacetic acid	64008	α,β -Dibromohydrocinnamic acid	60159	Diphenylamine-2-carboxylic acid
65166	4-Bromophenylacetic acid	64007	1,6-Dibromo-2-naphthol-3-carboxylic acid	62582	2,2'-Dithiodibenzoic acid
64283	Bromopyruvic acid	64628	3,5-Dibromosalicylic acid	61207	2-Fluorobenzoic acid
60494	5-Bromosalicylic acid	64695	3,5-Di- <i>tert</i> -butyl-4-hydroxybenzoic acid	01808	2-Fluorobenzoic acid
62294	2-Chlorobenzoic acid	64884	3,5-Dichloroanthranilic acid	61208	3-Fluorobenzoic acid
60096	4-Chlorobenzoic acid			61275	4-Fluorobenzoic acid
63306	<i>trans</i> -2-Chlorocinnamic acid			01809	4-Fluorobenzoic acid
				61275	4-Fluorobenzoic acid
				61511	3-(4-Fluorobenzoyl)-propionic acid
				61477	<i>trans</i> -2-Fluorocinnamic acid
				61484	<i>trans</i> -4-Fluorocinnamic acid

61307	4-(3-Fluoro-4-hydroxyphenyl)butyric acid	64635	2-Hydroxyphenylacetic acid	62880	3-Nitrobenzoic acid sodium salt
61315	4-Fluoromandelic acid	62677	4-Hydroxyphenylacetic acid	62904	trans-2-Nitrocinnamic acid
61317	3-(3-Fluoro-4-methoxybenzoyl)-propionic acid	64636	N-(4-Hydroxyphenyl)glycine	65219	4-Nitrocinnamic acid
61320	4-Fluoro-1-naphthoic acid	63548	3-(4-Hydroxyphenyl)propionic acid	62893	2-Nitrophenylacetic acid
61503	4-Fluorophenoxyacetic acid	64084	4-Hydroxyphenylpyruvic acid	62894	4-Nitrophenylacetic acid
61434	2-Fluorophenylacetic acid	62705	2-Iodobenzoic acid	60418	3-Nitrophthalic acid
61328	4-Fluorophenylacetic acid	63866	3-Iodobenzoic acid	63688	2-Nitro- <i>iso</i> -phthalic acid
61493	2-(2-Fluorophenyl)-acetoacetic acid	63867	4-Iodobenzoic acid	61313	Pentafluorobenzoic acid
61494	2-(4-Fluorophenyl)-acetoacetic acid	27713	Mandelic acid	64783	Phenoxyacetic acid
61488	DL-(2-Fluorophenyl)-glycine	62732	D(-)-Mandelic acid	62964	2-Phenoxybenzoic acid
61501	D(-)-(4-Fluorophenyl)-glycine	62733	L(+)-Mandelic acid	63710	2-Phenoxypropionic acid
61346	3-Fluorophthalic acid	62737	2-Mercaptobenzoic acid	63187	D(-)- α -Phenylaminoacetic acid
61510	DL(\pm)-(4-Fluorophenyl)-glycine	62761	2-Methoxybenzoic acid	63188	DL- α -Phenylaminoacetic acid
27645	Gallic acid	63610	3-Methoxybenzoic acid	63723	Phenylmercaptoacetic acid
63515	Hippuric acid	60210	4-Methoxybenzoic acid	64787	Phenylpyruvic acid
63518	2-(4'-Hydroxybenzeneazo)benzoic acid	64607	trans-2-Methoxycinnamic acid	63725	Phenylpyruvic acid sodium salt
27733	4-Hydroxybenzoic acid	64989	trans-3-Methoxycinnamic acid	62990	Phthalaldehydic acid
64306	trans-2-Hydroxycinnamic acid	64998	trans-4-Methoxycinnamic acid	27301	Salicylic acid
62681	trans-3-Hydroxycinnamic acid	65000	2-Methoxyphenylacetic acid	27308	5-Sulphosalicylic acid dihydrate
62682	trans-4-Hydroxycinnamic acid	62769	3-Methoxyphenylacetic acid	64840	Syringic acid
63529	DL-4-Hydroxymandelic acid monohydrate	62770	4-Methoxyphenylacetic acid	63779	2,4,5-Trichlorophenoxyacetic acid
62673	4-Hydroxy-3-methoxycinnamic acid	64700	4,4'-Methylenebis(3-hydroxy-2-naphthalenecarboxylic acid)	61463	4-Trifluoromethylbenzoic acid
63530	4-Hydroxy-3-methoxymandelic acid	65044	2-Methyl-3-nitrobenzoic acid	61468	N-(3-Trifluoromethylphenyl)-anthranilic acid
63858	1-Hydroxy-2-naphthalenecarboxylic acid	65045	3-Methyl-2-nitrobenzoic acid	65122	2,4,6-Trihydroxybenzoic acid monohydrate
62675	3-Hydroxy-2-naphthalenecarboxylic acid	63891	3-Methyl-4-nitrobenzoic acid	63132	3,4,5-Trimethoxybenzoic acid
		62818	4-Methyl-3-nitrobenzoic acid	63791	trans-3,4,5-Trimethoxycinnamic acid
		63892	5-Methyl-2-nitrobenzoic acid		acid
		62843	α -Methyl-DL-tyrosine	64911	3,4,5-Trimethoxyphenylacetic acid
		62878	2-Nitrobenzoic acid	63156	DL-Tropic acid
		62879	3-Nitrobenzoic acid	60299	Veratric acid
		27723	4-Nitrobenzoic acid		

2.1.8.5. Heterocyclic carboxylic acids

64443	6-Aminopenicillanic acid	64641	L-5-Hydroxytryptophan	62932	5-Oxo-L-proline
64518	3-Aminopyrazinecarboxylic acid	63560	DL-5-Hydroxytryptophan	63729	4-Piperidinecarboxylic acid
64293	2-Benzofurancarboxylic acid	62332	Imidazole-4-acrylic acid dihydrate	64822	2-Pyrazinecarboxylic acid
62200	5-Bromofuran-2-carboxylic acid	64644	Indole-3-acrylic acid	64823	2,3-Pyrazinedicarboxylic acid
64238	2-Chloronicotinic acid	62688	Indole-2-carboxylic acid	63034	2-Pyridinecarboxylic acid
63582	(\pm)- <i>iso</i> -Citric acid lactone	63862	Indole-3-carboxylic acid	63035	4-Pyridinecarboxylic acid
62611	Furan-2-carboxylic acid	63863	Indole-5-carboxylic acid	63039	2,6-Pyridinedicarboxylic acid
65010	Furan-3-carboxylic acid	65006	Indolyl-3-acetic acid	63929	Pyrrole-2-carboxylic acid
65012	Furan-3,4-dicarboxylic acid	63566	4-(3-Indolyl)-butyric acid	62273	Quinolinic acid
63489	3-(2-Furyl)acrylic acid	62690	3-(3-Indolyl)-propionic acid	63090	L(-)-Thiazolidine-4-carboxylic acid
63526	5-Hydroxyindol-3-yl acetic acid	63591	Kynurenic acid	63097	Thiophene-2-carboxylic acid
63554	2-Hydroxypyridine-5-carboxylic acid	63941	Nicotinic acid	64943	9-Xanthencarboxylic acid
63520	2-Hydroxyquinoline-4-carboxylic acid	63703	Orotic acid monohydrate		

2.1.9. Esters

2.1.9.1. Aliphatic and alicyclic unsubstituted carboxylic esters

64584	Allyl acetate	64231	Diethyl acetylenedicarboxylate	62718	Diethyl suberate
62749	Allyl methacrylate	64968	Diethyl cyclopropane-1,1-dicarboxylate	60061	Diethyl succinate
60165	<i>n</i> -Butyl acetate	60346	Diethyl diallylmalonate	20603	Diethyl <i>n</i> -butylmalonate
27235	<i>n</i> -Butyl acetate	20616	Diethyl di- <i>n</i> -butylmalonate	20628	Diethyl <i>sec</i> .-butylmalonate
27231	<i>iso</i> -Amyl acetate	20604	Diethyl diethylmalonate	60192	Diethyl <i>iso</i> -butylmalonate
27230	<i>iso</i> -Amyl acetate	64977	Diethyl dimethylmalonate	60349	Diethyl <i>n</i> -pentylmalonate
62025	<i>n</i> -Butyl acrylate	60169	Diethyl fumarate	60191	Diethyl <i>iso</i> -pentylmalonate
64214	<i>iso</i> -Butyl acrylate	62623	Diethyl glutarate	60347	Diethyl <i>iso</i> -propylmalonate
62750	Butyl methacrylate	62731	Diethyl maleate	20620	Diethyl <i>iso</i> -propylmalonate
62751	<i>iso</i> -Butyl methacrylate	20608	Diethyl malonate	62012	Dimethyl acetylenedicarboxylate
60469	<i>iso</i> -Butyl- <i>iso</i> -butyrate	60223	Diethyl methylmalonate	27227	Ethyl acetate
63340	Cyclohexyl methacrylate	60242	Diethyl oxalate	62024	Ethyl acrylate
62419	Diacetin	62998	Diethyl pimelate	60082	Ethyl butyrate
64219	Dibutyl adipate	63049	Diethyl sebacate	64463	Ethyl caprate
60170	Di- <i>n</i> -butyl-fumarate			62267	Ethyl caprylate

62366	Ethyl crotonate	16471	Menthyl <i>n</i> -valerianate	63664	Methyl stearate
60023	Ethyl formate	16472	Menthyl <i>iso</i> -valerianate	64368	Methyl <i>iso</i> -butyrate
64620	Ethyl hexanoate	27237	Methyl acetate	65212	Methyl 3-methylbutenate-2
62748	Ethyl methacrylate	62026	Methyl acrylate	62601	<i>iso</i> -Propenyl acetate
64767	Ethyl pelargonate	63624	Methyl caprylate	62065	<i>n</i> -Propyl formate
64808	Ethyl pivalate	62368	Methyl crotonate	64376	<i>iso</i> -Propyl myristate
65157	Ethyl propionate	27009	Methyl formate	65141	1,1,2-Triacetoxyethane
64935	Ethyl valerate	64622	Methyl hexanoate	62928	Triethyl orthoacetate
64366	Ethyl <i>iso</i> -butyrate	63647	Methyl laurate	60388	Triethyl orthoformate
62044	Ethylene glycol dimethacrylate	63648	Methyl linoleate	62929	Triethyl orthopropionate
64936	Ethyl <i>iso</i> -valerate	62753	Methyl methacrylate	64561	Trimethyl orthoacetate
64588	Hexyl acetate	63650	Methyl palmitate	62927	Trimethyl orthoformate
65082	Meldrum's acid	63655	Methyl pivalate		

2.1.9.2. Aliphatic and alicyclic substituted carboxylic esters

62005	α -Acetobromoglucose	64957	1-(Ethoxycarbonyl)ethyl)-triphenylphosphonium bromide	64741	Ethyl 2-bromoundecanoate
64241	Acetylcholinium bromide	64956	N-Ethoxycarbonylphthalimide	64746	Ethyl 5-bromovalerate
64436	Acetylsalicyloyl chloride	63466	2-Ethoxyethyl methacrylate	63283	Ethyl <i>sec</i> .-butylcyanoacetate
64881	Allyl chloroformate	60003	Ethyl acetoacetate	64387	Ethyl 2-chloroacetoacetate
64500	Azelanitrile	64204	Ethyl acetoacetate, sodium derivative	64883	Ethyl 4-chloroacetoacetate
64879	2-Bromoethyl chloroformate	60382	Ethyl bromoacetate	64400	Ethyl 4-chlorobutyrate
15274	2-Bromopropionyl <i>iso</i> -butylester	60102	Ethyl chloroacetate	64428	Ethyl 2-chloropropionate
64346	<i>tert</i> .-Butyl bromoacetate	60093	Ethyl chloroformate	62346	Ethyl 3-chloropropionate
63813	<i>tert</i> .-Butyl carbazate	64406	S-Ethyl chlorothioformate	64489	Ethyl 2,3-dibromopropionate
64220	<i>tert</i> .-Butyl chloroacetate	60114	Ethyl cyanoacetate	64504	Ethyl α,α -diethylacetoacetate
62281	Butyl chloroformate	64502	Ethyl diethoxyacetate	02878	Ethylglycol bromoacetate
62282	<i>iso</i> -Butyl chloroformate	64386	Ethyl ethoxymethylenecyanoacetate	65149	Ethyl 4,4,4-trifluoroacetoacetate
64742	Butyl cyanoacetate	61289	Ethyl fluoroacetate	63494	Glycerol-1-monoacetate
64835	<i>iso</i> -Butyl propionate	64658	Ethyl levulinate	64206	Methyl acetoacetate
64205	<i>tert</i> .-Butylacetoacetate	61443	Ethyl perfluorobutyrate	62199	Methyl bromoacetate
63294	Carbamoylcholine chloride	61446	Ethyl perfluorocaprylate	62269	Methyl carbamate
62471	Dibutyltin diacetate	61034	Ethyl perfluoroheptanoate	62311	Methyl chloroacetate
60341	Diethyl acetamidomalonate	61037	Ethyl perfluorononanoate	60385	Methyl chloroformate
64414	Diethyl acetone dicarboxylate	61451	Ethyl perfluoropropionate	62375	Methyl cyanoacetate
60342	Diethyl acetoxymalonate	62159	Ethyl pyruvate	64511	Methyl dichloroacetate
64286	Diethyl azodicarboxylate	64873	Ethyl thioglycolate	63659	Methyl pyruvate
60344	Diethyl bromomalonate	61379	S-Ethyl trifluorothioacetate	63094	Methyl thioglycollate
60345	Diethyl chloromalonate	62003	Ethyl 2-acetamido-2-cyanoacetate	61376	Methyl trifluoroacetate
60343	Diethyl ethoxymethylenemalonate	62184	Ethyl 2-bromobutyrate	02887	Methyl 2-bromobutyrate
61426	Diethyl fluoromalonate	64335	Ethyl 4-bromobutyrate	15272	Methyl DL-2-bromopropionate
65009	Diethyl formaminomalonate	63855	Ethyl 2-bromo- <i>iso</i> -butyrate	64388	Methyl 2-chloroacetoacetate
60240	Diethyl oxalacetate, sodium derivative	64612	Ethyl 2-bromodecanoate	64401	Methyl 4-chlorobutyrate
64409	Diethylaminomalonate hydrochloride	64630	Ethyl 2-bromododecanoate	64430	Methyl 2-chloropropionate
64942	Diethyl L(+)-tartrate	64634	Ethyl 2-bromoheptanoate	64962	Methyl 2,3-dichloropropionate
62007	Dimethyl acetonedicarboxylate	64724	Ethyl 2-bromononanoate	61305	5-Methyl 4-fluoroglutamate
64350	Dimethyl bromomalonate	64729	Ethyl 2-bromooctanoate	64669	Monomethyl malonate potassium salt
62145	Dimethyl succinate	62221	Ethyl 3-bromopropionate	64904	Pentyl propionate
62752	2-Dimethylaminoethyl methacrylate	15276	Ethyl 3-bromopropionate	02890	<i>iso</i> -Propyl 2-bromo- <i>iso</i> -butyrate
65175	Dimethyl 2,5-dioxo-1,4-cyclohexanedicarboxylate	62220	Ethyl DL-2-bromopropionate	64872	2,2,2-Trichloroethyl chloroformate
64060	Dimethyl (+)-tartrate	64732	Ethyl 2-bromotetradecanoate	61383	Triethyl 2,4-difluorocitrate

2.1.9.3. Aromatic carboxylic esters

60473	Benzyl acetate	63330	Dibenzoyl-D(+)-tartaric acid monohydrate	64527	Dimethyl biphenyl-4,4'-dicarboxylate
27611	Benzyl benzoate	62445	Dibenzoyl-L(-)-tartaric acid monohydrate	27742	Dimethyl phthalate
62198	Benzyl bromoacetate	64004	Dibenzyl succinate	63060	Dimethyl terephthalate
60416	Benzyl chloroformate solution	62994	Dibutyl phthalate	64649	Dimethyl <i>iso</i> -phthalate
61401	Benzyl fluoroformate	64546	Diethyl benzylidenemalonate	64600	Dodecyl gallate
63253	Benzyl formate	62134	Diethyl benzylmalonate	60045	Ethyl benzoate
63254	Benzyl-DL(\pm)-mandelate	60350	Diethyl phenylmalonate	62126	Ethyl benzoylacetate
62993	Bis-(2-ethylhexyl)phthalate	27740	Diethyl phthalate	62823	Ethyl cinnamate
62957	<i>tert</i> .-Butyl perbenzoate	65184	Diethyl 2,5-dihydroxyterephthalate	64670	Ethyl mandelate
63287	Butyl 4-hydroxybenzoate			62970	Ethyl phenylacetate
62334	Chlorogenic acidhemihydrate			63483	Ethyl salicylate
64576	3,5-Diacetoxy-acetophenone				

63123	Ethyl trichloroacetate	60028	Methyl 2-aminobenzoate	64391	4-Nitrophenyl chloroformate
61249	Ethyl trifluoroacetate	63930	Methyl 4-aminobenzoate	61460	4-Nitrophenyl trifluoroacetate
64262	Ethyl 2-aminobenzoate	65202	Methyl 4-aminocinnamate	63713	Phenyl acetate
65192	Ethyl 3-aminobenzoate	61167	Methyl 2-fluorobenzoate	64571	Phenyl benzoate
65173	Ethyl 4-aminobenzoate	61168	Methyl 4-fluorobenzoate	62283	Phenyl chloroformate
61246	Ethyl 2-fluorobenzoate	63888	Methyl 3-hydroxybenzoate	61375	Phenyl trifluoroacetate
61247	Ethyl 3-fluorobenzoate	62668	Methyl 4-hydroxybenzoate	22101	Phenylmercury acetate
61248	Ethyl 4-fluorobenzoate	64614	Methyl 2-methoxybenzoate	22103	Phenylmercury acetate solution 25 %
01813	Ethyl 4-fluorobenzoate	64916	Methyl 3-methylbenzoate	22105	Phenylmercury oleate
63476	Ethyl 3-hydroxybenzoate	61110	Methyl 4-tetrafluoroethoxybenzoate	62617	Propyl gallate
63485	Ethyl 3-tolylacetate	63677	Naphthyl-1-acetic acid methyl ester	63732	Propyl 4-hydroxybenzoate
27614	Methyl benzoate	64847	4-Nitrobenzyl chloroformate	16157	Resorcinol monoacetate
62762	Methyl cinnamate			62602	Vinyl acetate
27305	Methyl salicylate				

2.1.9.4. Heterocyclic carboxylic esters

63255	Benzyl nicotinate	64303	Ethyl 1,3-dithiane-2-carboxylate	22060	8-Hydroxyquinoline benzoate
64356	Butyl nicotinate	62612	Ethyl 2-furancarboxylate	62600	3-Indolyl acetate
65167	Carbendazime (BCM)	65011	Ethyl 3-furancarboxylate	63649	Methyl nicotinate
64403	N-Ethoxycarbonylpiperazine	62693	Ethyl <i>iso</i> -nicotinate	63038	2,5-Pyridinedicarboxylic acid
62868	Ethyl nicotinate	63036	Ethyl 2-pyridinecarboxylate	61458	N-Trifluoroacetylimidazole

2.1.9.5. Esters of inorganic acids

60366	Ammonium-O,O-diethyl dithiophosphate	60367	O,O-Dimethylthiophosphoric acid chloride	65074	Tetramethyl orthocarbonate
60365	Ammonium-O,O-dimethyl dithiophosphate	62717	Diphenyl carbonate	64865	Tetrapropyl orthotitanate
27803	<i>iso</i> -Amyl nitrate	62339	Diphenyl chlorophosphate	64866	Tetra- <i>iso</i> -propyl orthotitanate
27804	<i>iso</i> -Amyl nitrite	64142	Di- <i>iso</i> -propyl phosphite	60289	Tributyl phosphate
64372	Chlorosulphonyl <i>iso</i> -cyanate	62756	Ethyl methanesulphonate	65112	Tributyl phosphite
64371	Colaminphosphoric acid	27701	Ethyl silicate	60315	2,4,5-Trichlorophenyl- <i>tert.</i> -butyl carbonate
64509	4,5-Dichloro-1,3-dioxolan-2-one	60402	Ethylene carbonate	64136	Tricresyl phosphate
60119	Diethyl carbonate	63106	Ethyl-(4)-toluenesulphonate	65151	Triethyl phosphite
62988	Diethyl phosphite	61395	Methyl fluorosulphonate	27683	Trimethyl borate <i>about 72 % in methanol</i>
60122	Diethyl sulphate	63108	Methyl-4-toluenesulphonate	27623	Trimethyl borate <i>63—65 % in methanol</i>
60368	O,O-Diethyl thiophosphoric acid chloride	61042	1H,1H,2H,2H-Perfluorohexyl nitrate	63142	Trimethyl phosphate
62527	Dimethyl carbonate	64089	<i>iso</i> -Propyl nitrite	63152	Triphenyl phosphate
64236	Dimethyl phosphite	60264	Propylene carbonate	60293	Triphenyl phosphite

2.1.10. Carboxylic halides

62009	Acetyl bromide	62298	4-Chlorobenzoyl chloride	60394	Malonyl chloride
60007	Acetyl chloride	62305	4-Chlorobutyryl chloride	63872	3-Methoxybenzoyl chloride
64436	Acetylsalicyloyl chloride	64223	2-Chloromethylbenzoyl chloride	60312	4-Methoxybenzoyl chloride
62030	Adipoyl dichloride	64421	α -Chlorophenylacetyl chloride	63925	2-Methylbenzoyl chloride
60054	Benzoyl chloride	64429	2-Chloropropionyl chloride	63926	3-Methylbenzoyl chloride
15215	Benzoyl chloride	62347	3-Chloropropionyl chloride	62786	4-Methylbenzoyl chloride
61148	2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonyl fluoride	60401	Cinnamoyl chloride	62848	Myristoyl chloride
62165	Bromoacetyl bromide	62367	Crotonoyl chloride	62852	1-Naphthoyl chloride
02877	Bromoacetyl bromide	64663	2,3-Dibromopropionyl chloride	62853	2-Naphthoyl chloride
64666	Bromoacetyl chloride	64501	Dichloroacetyl chloride	65188	2-Nitrobenzoyl chloride
02868	Bromoacetyl chloride	64505	2,4-Dichlorobenzoyl chloride	62881	3-Nitrobenzoyl chloride
65190	2-Bromobenzoyl chloride	64796	3,4-Dichlorobenzoyl chloride	60232	4-Nitrobenzoyl chloride
64599	3-Bromobenzoyl chloride	62424	N,N-Diethylcarbamoyl chloride	64759	Oleoyl chloride
62181	4-Bromobenzoyl chloride	60392	Dimethylcarbamoyl chloride	60395	Oxalyl chloride
64336	2-Bromobutyryl bromide	15923	3,5-Dinitrobenzoyl chloride	61133	(Perfluorobutyl)-acetyl chloride
64719	2-Bromo- <i>iso</i> -butyryl bromide	62570	N,N-Diphenylcarbamoyl chloride	61292	Perfluorobutyryl chloride
02885	2-Bromo-2-ethylbutyryl bromide	64760	Enanthoyl chloride	61136	(Perfluorodecyl)-acetyl chloride
02891	2-Bromoisovaleryl bromide	61209	2-Fluorobenzoyl chloride	61134	(Perfluorohexyl)-acetyl chloride
62222	2-Bromopropionyl bromide	61281	3-Fluorobenzoyl chloride	61137	Perfluorooctanoyl chloride
60390	Butyryl chloride	61210	4-Fluorobenzoyl chloride	61135	(Perfluorooctyl)-acetyl chloride
60091	Chloroacetyl chloride	64594	Fumaryl chloride	63711	2-Phenoxypropionyl chloride
60099	2-Chlorobenzoyl chloride	64597	2-Furoyl chloride	62967	Phenylacetyl chloride
62948	3-Chlorobenzoyl chloride	60393	Isobutyryl chloride	16539	2-Phenylbutyryl chloride
		64659	Lauroyl chloride	64803	Phthaloyl dichloride

64648	iso-Phthaloyl dichloride	60398	Terephthaloyl dichloride	61466	4-Trifluoromethylbenzoyl chloride
60396	Pivaloyl chloride	65106	2-Thiophenecarbonyl chloride	61092	3-Trifluoromethylbenzoyl fluoride
63052	Stearoyl chloride	60400	Trichloroacetyl chloride	65133	10-Undecenoyl chloride
64308	Succinyl dichloride	61453	2-Trifluoromethylbenzoyl chloride		

2.1.11. Carboxylic anhydrides

27209	Acetic anhydride	61347	3-Fluorophthalic anhydride	63024	Propionic anhydride
62123	1,2,4-Benzenetricarboxylic acid anhydride-1,2	64605	Glutaric anhydride	63737	Pyromellitic dianhydride
62115	Benzoic anhydride	64076	1-Hexadecenylsuccinic anhydride	27619	Succinic anhydride
63260	<i>endo-cis</i> -Bicyclo[2,2,1]-heptene-(5)-dicarboxulicanhydride-(2,3)	64380	Hexanoic anhydride	63067	Tetrabromophthalic anhydride
62237	Butyric anhydride	62691	Isatoic anhydride	16249	Tetrachlorophthalic anhydride
62238	<i>iso</i> -Butyric anhydride	60205	Maleic anhydride	63078	<i>cis</i> -1,2,3,6-Tetrahydrophthalic anhydride
64251	Chloroacetic anhydride	64112	Nicotinic anhydride	65117	Trichloroacetic anhydride
65206	4-Chlorophthalic anhydride	62897	3-Nitrophthalic anhydride	61031	Trifluoroacetic anhydride
60113	Citraconic anhydride	61444	Perfluorobutyric anhydride	64937	Valeric anhydride
64959	2,3-Dichloromaleic anhydride	61452	Perfluoropropionic anhydride	64938	Valeryl chloride
62593	Dodecenylsuccinic anhydride	60258	Phthalic anhydride		
		63005	Pivalic anhydride		

2.1.12. Lactones and lactames

63939	2-Acetylbutyrolactone	62261	ϵ -Caprolactam	64080	6-Hydroxy-4-methylcoumarin
64229	N-Acetyl-DL-homocysteine thiolactone	62262	ϵ -Caprolactone	64096	6-Methylcoumarin
64515	α -Angelicalactone	63582	(\pm)- <i>iso</i> -Citric acid lactone	64108	4-Methylumbelliferone
62185	2-Bromo- γ -butyrolactone	64042	Dihydrocoumarin	62991	Phthalide
64793	N-Bromocaprolactame	63464	Ellagic acid	64133	Thiocaprolactame
15255	γ -Butyrolactone	62672	4-Hydroxycoumarin	63169	γ -Valerolactone

2.1.13. Nitriles, iso-and thiocyanates

60004	Acetonitrile	60098	2-Chlorobenzonitrile	64012	4-Dibutylaminobutyronitrile
62022	Acrylonitrile	62896	3-Chlorobenzonitrile	62466	3-Dibutylaminopropionitrile
64667	1-Adamantanecarbonitrile	60321	4-Chlorobenzonitrile	63379	2,6-Dichlorobenzonitrile
62031	Adipodinitrile	62303	3-Chlorobenzyl cyanide	64888	2,4-Dichlorobenzyl cyanide
62059	Allyl cyanide	64396	4-Chlorobenzyl cyanide	63386	2,6-Dichlorobenzyl cyanide
62060	Allyl <i>iso</i> -thiocyanate	62306	4-Chlorobutyronitrile	62484	2,3-Dichloro-5,6-dicyan-p-benzoquinone
63207	Aminoacetonitrile hydrogen sulphate	64838	Chlorocarbonyl <i>iso</i> -cyanate	62494	3,4-Dichlorophenyl <i>iso</i> -cyanate
62072	2-Aminobenzonitrile	61223	4-Chloro-3-cyanobenzotrifluoride	64033	Diethylaminoacetonitrile
64281	3-Aminobenzonitrile	63311	4-Chloro-3,5-dinitrobenzonitrile	64034	4-Diethylaminobenzonitrile
64280	4-Aminobenzonitrile	61479	2-Chloro-6-fluorobenzoic acid nitrile	64989	2,6-Dimethoxybenzonitrile
64490	2-Amino-5-chlorobenzonitrile	61165	2-Chloro-6-fluorobenzyl cyanide	62516	3,4-Dimethoxybenzonitrile
62107	α,α' -Azo- <i>iso</i> -butyronitrile	61498	2-(2-Chloro-6-fluorophenyl)-acetoacetonitrile	63431	4-Dimethylaminobenzonitrile
64570	Benzenesulphonyl <i>iso</i> -cyanate	65207	2-(Chloromethyl)benzonitrile	62522	3-Dimethylaminopropionitrile
60049	Benzonitrile	64423	3-Chlorophenyl <i>iso</i> -cyanate	62565	Diphenylacetonitrile
64789	Benzoyl cyanide	62337	4-Chlorophenyl <i>iso</i> -cyanate	63514	Enanthonitrile
60059	Benzyl cyanide	64438	4-Chlorophenyl <i>iso</i> -thiocyanate	64384	Ethoxymethylene-malonic acid dinitrile
65186	4-Biphenylcarboxylic acid nitrile	62343	3-Chloropropionitrile	60114	Ethyl cyanoacetate
62179	3-Bromobenzonitrile	64372	Chlorosulphonyl <i>iso</i> -cyanate	64386	Ethyl ethoxymethylenecyanoacetate
62180	4-Bromobenzonitrile	61475	6-Chloro-2,4,5-trifluoro-1,3-phenylendi- <i>iso</i> -cyana t	64354	Ethyl thiocyanate
64337	4-Bromobutyronitrile	64377	5-Chloro- <i>n</i> -valeronitrile	62003	Ethyl 2-acetamido-2-cyanoacetate
61173	3-Bromo-4-fluorobenzonitrile	63091	Cinnamonitrile	63283	Ethyl <i>sec</i> .-butylcyanoacetate
64829	4-Bromomethylbenzonitrile	62369	Crotonitrile	64365	N-Ethyl-N-cyanoethylaniline
65179	2-Bromophenylacetonitrile	62373	Cyanoacetamide	61276	2-Fluorobenzonitrile
63953	4-Bromophenylacetonitrile	27206	Cyanoacetic acid	61277	3-Fluorobenzonitrile
64456	4-Bromophenyl <i>iso</i> -thiocyanate	64577	4-Cyanobenzoic acid	61278	4-Fluorobenzonitrile
63273	3-Bromopropionitrile	62374	2-Cyanoethyl phosphoric acid barium salt dihydrate	61284	2-Fluorobenzyl cyanide
64742	Butyl cyanoacetate	64586	2-Cyano-4-nitroaniline	61285	3-Fluorobenzyl cyanide
64678	<i>tert</i> .-Butyl nitrite	61043	1-Cyano-2,2,3,3-tetrafluorocyclobutane	61286	4-Fluorobenzyl cyanide
63289	Butyl <i>iso</i> -cyanate	62396	Cyclohexyl isocyanate	61495	2-(2-Fluorophenyl)-acetoacetonitrile
62255	Butyronitrile	64585	Cyclohexyl isocyanide	61496	2-(4-Fluorophenyl)-acetoacetonitrile
62258	<i>iso</i> -Butyronitrile	64291	α -Cyclohexylphenylacetoneitril	61332	4-Fluorophenyl <i>iso</i> -thiocyanate
64751	Capric acid nitrile	63347	Cyclopropanecarboxylic acid nitrile	64596	Fumaronitrile
62264	Capronitrile			62624	Glutarodinitrile
62268	Caprylonitrile				
62275	Chloroacetonitrile				
62277	2-Chloroacrylonitrile				

63507	Heptadecanoic acid nitrile	64728	Naphthyl-(1)- <i>iso</i> -cyanate	63061	Terephthalodinitrile
64424	4-Hydroxybenzenesulphonic acid sodium salt dihydrate	65064	2-Nitrobenzonitrile	64853	Tetracyanoethylene
65025	4-Hydroxybenzonitrile	63681	3-Nitrobenzonitrile	65097	7,7,8,8-Tetracyanoquinodimethane
62676	α -Hydroxyphenylacetoneitrile	65065	4-Nitrobenzonitrile	65107	4-Toluenesulphonyl <i>iso</i> -cyanate
60311	3-Hydroxypropionitrile	62892	4-Nitrophenylacetoneitrile	64606	Toluenesulphonyl-(4)-methyl <i>iso</i> -cyanide
64304	Iminodiacetonitrile	63698	Octadecyl cyanide	63104	m-Tolunitrile
64312	3,3'-Iminodipropionitrile	64772	Pentadecanoic acid nitrile	63105	p-Tolunitrile
64643	Indole-3-acetonitrile	61439	Pentafluorobenzonitrile	63109	Toluylene-2,4-diisocyanate
65054	DL-Lactonitrile	61440	Pentafluorophenyl isothiocyanate	63621	2-Tolylacetoneitrile
62723	Lauroitrile	60253	2-Phenylbutyronitrile	63622	3-Tolylacetoneitrile
60386	Malonic acid dinitrile	63715	4-Phenylbutyronitrile	63110	4-Tolylacetoneitrile
64673	Methacrylonitrile	63721	Phenyl <i>iso</i> -thiocyanate	64894	Trichloroacetoneitrile
64276	4-Methoxybenzonitrile	16030	Phthalodinitrile	64895	Trichloroacetyl <i>iso</i> -cyanate
62771	3-Methoxypropionitrile	63586	<i>iso</i> -Phthalodinitrile	61464	3-Trifluoromethylbenzonitrile
62375	Methyl cyanoacetate	63006	Pivalonitrile	61089	3-Trifluoromethylphenyle <i>iso</i> -cyanate
65002	3-Methylaminopropionitrile	63023	Propionitrile	64908	3,4,5-Trimethoxybenzonitrile
64094	3-Methylbenzyl thiocyanate	63331	Pyridinecarbonitrile-(2)	63350	Undecanoic acid nitrile
63629	Methylene dithiocyanate	63332	Pyridinecarbonitrile-(3)	64940	Valeronitrile
63626	N-Methyleneaminoacetoneitrile	63333	Pyridinecarbonitrile-(4)	63580	<i>iso</i> -Valeronitrile
60406	Methyl <i>iso</i> -thiocyanate	64662	Pyruvic acid nitrile	60300	Veratryl cyanide
64722	Myristonitrile	63700	Sebacic acid dinitrile	63812	o-Xylylene dicyanide
63675	1-Naphthonitrile	62719	Suberodinitrile	63927	m-Xylylene dicyanide
65058	2-Naphthonitrile	62147	Succinodinitrile		

2.1.14. Amides, imides, guanidines and amidines

15003	Acetamide	64331	N-(2-Bromoethyl)-phthalimide	64551	N,N-Dimethylformamide dimethyl acetal
64203	Acetamidinium acetate	60492	N-Bromophthalimide	60329	1,1-Dimethylguanidine hydrochloride
62000	Acetamidinium chloride	63274	N-(3-Bromopropyl)phthalimide	15450	N,N'-Dimethylurea
62001	2-Acetamidoacrylic acid	60081	N-Bromosuccinimide	63453	2,4-Dinitroacetanilide
62002	4-Acetamidobenzaldehyde	63813	<i>tert</i> -Butyl carbazate	64991	2,4-Dinitrophenyl-4-semicarbazide
63194	3-Acetamidobenzoic acid	64369	N- <i>tert</i> -Butylacrylamide	62570	N,N-Diphenylcarbonyl chloride
64252	4-Acetamido-benzoylsulphochloride	62254	Butyramide	60417	N,N'-Diphenylformamidine
60412	2-Acetamidoethanol	60384	Chloroacetamide	64065	N,N'-Diphenylformamidine hydrochloride
63195	2-Acetamidofluorene	63301	4-Chloroacetanilide	16216	Diphenylthiourea
64253	N-(2-Acetamido)-iminodiacetic acid	63968	3-Chlorobenzamide	64574	N,N'-Di- <i>iso</i> -propylcarbodiimide
63196	2-Acetamido-5-nitrothiazole	64857	4-Chlorobenzhydrazide	64956	N-Ethoxycarbonylphthalimide
64254	3-Acetamidophenol	60322	Chloroformamidinium chloride	60413	N-Ethylacetamide
64263	4-Acetamidophenol	64218	Chloromethyl thiocyanate	62003	Ethyl 2-acetamido-2-cyanoacetate
63197	4-Acetamidothiophenol	60112	N-Chlorosuccinimide	63473	N,N'-Ethylenethiourea
15004	Acetanilide	60425	N-Cinnamoyl-N-phenylhydroxylamine	15076	N,N'-Ethyleneurea
62004	Acetoacetanilide	15704	Creatine monohydrate	60318	Ethylguanidinium hydrochloride
64229	N-Acetyl-DL-homocysteine thiolactone	15722	Creatinine hydrochloride	63480	N-Ethylmaleimide
62021	Acrylamide	62373	Cyanoacetamide	62048	N-Ethylurea
02880	Adipic acid bis-(2,4,6-tribromoanilide)	60325	1-Cyanoguanidine	61226	Fluoroacetamide
63203	Allantoin	64457	N-Cyclohexyl-N'-[β -(N-methylmorpholine)-ethyl]carbodiimide-p-toluenesulphonate	61271	2-Fluorobenzamide
63205	N-Allyl-N'-(2-hydroxyethyl)thiourea	64521	Diacetamide	61272	3-Fluorobenzamide
62062	N-Allylthiourea	63987	N,N-Diacetylaminorhodanine	61273	4-Fluorobenzamide
64249	N-Allylurea	62448	1,3-Dibenzylthiourea	61491	4-Fluorobenzanilide
64258	4'-Aminoacetanilide	62470	N,N'-Dibutylthiourea	61504	4-Fluorophenoxyacetamide
64260	2-Aminobenzamide	60310	Dicyclohexylcarbodiimide	62608	Formamide
62077	1-Aminoguanidinium hydrogen carbonate	62496	N,N'-Dicyclohexylthiourea	63488	Formamidine acetate
60320	Aminoguanidinium sulphate monohydrate	60341	Diethyl acetamidomalonate	62619	Girard's reagent T
64274	6-Aminonicotinamide	65009	Diethyl formaminomalonate	60331	Guanidinium carbonate
64522	N-Aminophthalimide	64466	N,N-Diethylacetamide	60332	Guanidinium chloride
15155	L-Asparagine monohydrate	62430	N,N-Diethylformamide	60333	Guanidinium nitrate
62109	Azodicarboxamide	60327	1,1-Diethylguanidine hydrochloride	60336	Guanyl urea
64289	Benzamide	60145	N,N-Dimethylacetamide	60334	2-Guanylbenzimidazole
62110	Benzanilide	64539	N,N-Dimethylacetamide dimethyl acetal	63508	<i>cis</i> -Hexahydrophthalimide
62142	S-Benzyl- <i>iso</i> -thiuronium chloride	60328	1,1-Dimethylbiguanide hydrochloride	63515	Hippuric acid
61420	Bis-(trifluoroacetamide)	15440	N,N-Dimethylformamide	65023	Hydantoic acid
62154	Biuret	64550	N,N-Dimethylformamide diethyl acetal	63991	5-Hydroxybarbituric monohydrate
62161	N-Bromoacetamide			63539	N-Hydroxymethylphthalimide
62162	4-Bromoacetanilide			64640	N-Hydroxysuccinimide

63598	Malonamide	61445	Perfluorobutyramide	63085	N,N,N',N'-Tetramethylguanidine
60387	N-Methylacetamide	60338	1-Phenylbiguanid	65102	Tetramethylthiourea
64091	N-Methylacetanilide	20827	2-Phenylbutyramide	64860	Tetramethylurea
62803	N,N'-Methylenediacrylamide	65085	4-Phenylsemicarbazide	60407	Thioacetanilide
64098	N,N'-Methylenediformamide	62987	N-Phenylthiourea	64871	Thiobenzamide
62804	N-Methylformamide	62971	N-Phenylurea	65105	Thionicotinamide
62805	N-Methylformanilide	62992	Phthalimide	16217	Thiourea
62838	N-Methylthiourea	64801	Phthalimide-potassium	02881	2,4,6-Tribromoacetanilide
60219	Methylurea	63022	Propionamide	65165	Trichloroacetamide
63676	1-Naphthylacetamide	60497	N,N'-Propylene urea	61032	Trifluoroacetamide
63678	Naphthyl-(1)-thiourea	63498	Pyrazinecarboxamide	61153	N-[2'-(Trifluoromethyl)-phenyl]- β -cetobutyramide
63544	Naphtol AS [®]	60271	Salicylamide	63143	N-(Trimethylsilyl)acetamide
63679	Nicotinamide	60408	Sarcosine anhydride	15603	Urea
63584	<i>iso</i> -Nicotinamide	63743	Stearamide	15604	Urea
62869	4-Nitroacetanilide	63746	Succinamide	15606	Urea nitrate
62930	Oxamide	60274	Succinimide		
65075	D-Pantothenic acid solution				

2.1.15. Azo-, diazo compounds and hydrazines

64259	4-Aminoazobenzene	64917	3-Chlorophenylhydrazinium chloride	64625	4-Hydroxyazobenzene
64452	4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole	64893	4-Chlorophenylhydrazinium chloride	63518	2-(4'-Hydroxybenzeneazo)benzoic acid
64947	4-Amino-2-hydroxy-1-naphthalenesulphonic acid, diazotized	63393	2,5-Dichlorophenylhydrazine	65024	2-Hydroxyethylhydrazine
64500	Azelanitrile	64286	Diethyl azodicarboxylate	64703	Methylhydrazine
62106	Azobenzene	62534	N,N-Dimethylhydrazine	63674	Naphthidine
62107	α,α' -Azo- <i>iso</i> -butyronitrile	64554	N,N'-Dimethylhydrazinium dichloride	62694	<i>iso</i> -Nicotinic acid hydrazide
62109	Azodicarboxamide	64066	1,1-Diphenylhydrazine	61260	4-Nitrobenzenediazonium tetrafluoroborate
63248	Benzalazine	62572	N,N-Diphenylhydrazinium chloride	63915	2-Nitrophenylhydrazine
62116	Benzohydrazide	61504	4-Fluorophenoxyacetamide	65070	3-Nitrophenylhydrazinium chloride
64296	Benzophenone hydrazone	61330	3-Fluorophenylhydrazinium chloride	64745	4-Nitrophenylhydrazinium chloride
64359	4-Bromophenylhydrazinium chloride	61331	4-Fluorophenylhydrazinium chloride	60255	Phenylhydrazine
64802	Carbohydrazide	62658	Hydrazobenzene	64798	1-Phenylsemicarbazide
64900	2-Chlorophenylhydrazinium chloride			63597	3,6-Pyridazinediol

2.1.16. Amines

2.1.16.1. Aliphatic and alicyclic unsubstituted amines

64216	1-Adamantaneammonium chloride	64031	Didecylamine	63506	Hexadecylamine
62056	Allylamine	15407	Diethylamine	65015	N-Hexadecyl-N,N,N-trimethylammonium bromide
63226	2-Aminoheptane sulphate	60117	2-Diethylaminoethylamine	65016	Hexamethonium chloride dihydrate
63232	2-Amino-4-methylhexane	64470	Diethylammonium chloride	65017	Hexamethonium iodide
64211	2-Aminooctane	60495	N,N-Diethyl-1,3-diaminopropane	62640	Hexamethylenediamine
63759	1,3-Bis-(dimethylamino)butane	15918	Diethylenetriamine	15614	Hexamethylenetetramine
60463	Bis-(2-ethylhexyl)-amine	15916	Dimethylamine solution <i>about</i> 60%	62641	Hexamethylenimine
64364	1,4-Butanediammonium dichloride	15435	Dimethylamine solution	62655	Hexylamine
15225	<i>n</i> -Butylamine	15503	3-Dimethylaminopropylamine	15729	Methylamine solution 40%
62241	<i>tert</i> -Butylamine	15504	N,N-Dimethylcyclohexylamine	62779	Methylammonium chloride
63327	DL-Coniine hydrobromide	62519	N,N-Dimethylethylenediamine	62795	N-Methylbutylamine
62384	Cycloheptylamine	63438	N,N-Dimethylethylene-diamine	60218	N-Methylcyclohexylamine
15330	Cyclohexylamine	62561	Diocetylamine	63627	Methylenediamine dihydrochloride
63338	N-Cyclohexyl-1,3-diaminopropane	63365	Dipentylamine	63631	N-Methylethylenediamine
63345	Cyclopentylamine	64573	Dipropylamine	15725	Methyltriocetylammmonium chloride
63346	Cyclopropylamine	62580	Di- <i>iso</i> -propylamine	64733	Neopentylamine
63349	Decanediamine-(1,10)	64572	N,N-Di- <i>iso</i> -propylethylamine	62910	Nonylamine
64464	Decylamine	62589	Dodecamethylenediamine	60464	<i>iso</i> -Nonylamine
62434	Diallylamine	62594	Dodecylamine	62915	Octadecylamine
64477	4,4'-Diaminodicyclohexylmethane	15075	Ethylamine solution <i>about</i> 70%	64757	Octamethylenediamine
63359	3,3'-Diaminodipropylamine	15016	Ethylamine solution <i>about</i> 50%	62924	<i>n</i> -Octylamine
15070	1,2-Diaminoethane	60012	Ethylammonium chloride	63701	Oleylamine
15088	1,2-Diaminoethane solution 75-80%	64230	N-Ethylcyclohexylamine	64774	Pentamethylenediamine
15907	Di- <i>n</i> -butylamine	63474	N-Ethylethylenediamine	62955	Pentylamine
15424	Dicyclohexylamine	60462	2-Ethylhexylamine	63868	<i>iso</i> -Pentylamine
63404	N,N-Dicyclohexylammonium nitrite	64609	Heptamethylenimine	15920	1,2-Propanediamine
		62632	Heptylamine		

63137	1,3-Propanediamine	16268	Tetraethylammonium hydroxide solution	63774	Triamylamine
63026	<i>n</i> -Propylamine	16344	Tetraethylammonium hydroxide solution 20% in water	63784	Tributylamine
15688	<i>iso</i> -Propylamine, mono	63756	N,N,N',N'-Tetraethylenediamine	16304	Tri-(decyl)-amine
15657	<i>iso</i> -Propylamine solution about 70%	16264	Tetraethylenepentamine	16352	Triethylenetetramine
64818	N- <i>iso</i> -Propylcyclohexylamine	64858	Tetramethylammonium chloride	16343	Trimethylamine solution 45%
65092	Tetrabutylammonium chloride	65101	Tetramethylammonium hydroxide solution	64912	Trimethylammonium chloride
64849	Tetrabutylammonium iodide	63084	Tetramethylenediamine	63145	Trioctylamine
02883	N-Tetradecyl-N,N,N-trimethylammonium bromide	63082	N,N,N',N'-Tetramethylethylenediamine	60465	Tri- <i>iso</i> -octylamine
65169	Tetraethylammonium bromide			16345	Tri- <i>iso</i> -propanolamine
16269	Tetraethylammonium fluoride solution			64926	Tripropylamine

2.1.16.2. Aliphatic and alicyclic substituted amines

64253	N-(2-Acetamido)-iminodiacetic acid	64460	Cystamine dichloride	27270	Ethylenediaminetetraacetic acid disodium salt dihydrate
64241	Acetylcholinium bromide	63603	Cysteamine hydrochloride	27261	Ethylenediaminetetraacetic acid tetrasodium salt
64317	Aminoacetaldehyde diethyl acetal	15337	L(+)-Cysteine hydrochloride	64073	Ethylenediaminetetraacetic acid trisodium salt
64257	Aminoacetaldehyde dimethyl acetal	63358	DL-2,4-Diaminobutyl dihydrochloride	61304	4-Fluoroglutamic acid
63207	Aminoacetonitrile hydrogen sulphate	64507	1,6-Diaminohexane-N,N,N',N'-tetraacetic acid	62619	Girard's reagent T
62074	2-Aminobutanol-(1)	63999	2,6-Diaminopimelic acid	27647	L(+)-Glutamic acid
63214	DL-2-Aminobutyric acid	64012	4-Dibutylaminobutyronitrile	60172	Glycine
63216	DL-3-Aminobutyric acid	62465	2-Dibutylaminoethanol	15527	Glycine
64266	4-Aminobutyric acid	62466	3-Dibutylaminopropionitrile	63521	N-(2-Hydroxyethyl)cyclohexylamine
62075	6-Aminocaproic acid	15421	Diethanolamine	65036	Iminodiacetic acid
15014	2-Aminoethanol	15408	Diethanolamine	63562	Iminodiacetic acid disodium salt
62312	N-(2-Aminoethyl)-ethanolamine	64033	Diethylaminoacetonitrile	64304	Iminodiacetonitrile
63946	2-Aminoethylsulphuric acid	64409	Diethylaminomalonate hydrochloride	64312	3,3'-Iminodipropionitrile
63227	DL-4-Amino-3-hydroxybutyric acid	64037	Diethylenetriaminepentaacetic acid	63608	L-Methionine sulphone
62081	2-Amino-2-methyl-1-propanol	64038	Diethylenetriaminepentaacetic acid pentasodium salt	63609	L-Methionine sulfoxide
64446	5-Amino-1-pentanol	15417	N,N-Diethylethanolamine	63745	DL-Methionine sulfoxide
63238	DL-2-Aminopimelic acid	63432	2-Dimethylaminoethanethiol hydrochloride	60496	2-Methoxyethylamine
62087	1-Aminopropanol-(2)	62752	2-Dimethylaminoethyl methacrylate	15775	3-Methoxypropylamine
62089	3-Aminopropanol-(1)	63433	2-Dimethylamino-2-methylpropanol-(1)	62777	2-Methylalanine
15155	L-Asparagine monohydrate	15451	1-Dimethylaminopropanol-(2)	65002	3-Methylaminopropionitrile
27608	L-Aspartic acid	62521	3-Dimethylaminopropanol-(1)	15769	N-Methyldiethanolamine
64954	Bis-(2-chlorethyl)-ammonium chloride	62522	3-Dimethylaminopropionitrile	63626	N-Methyleneaminoacetonitrile
64497	N,N-Bis-(2-hydroxyethyl)-2-aminoethanesulphonic acid	15448	N,N-Dimethylethanolamine	15770	N-Methylethanolamine
62168	2-Bromoethylammonium bromide	62578	Di- <i>iso</i> -propanolamine	61305	5-Methyl 4-fluoroglutamate
63294	Carbamoylcholine chloride	64383	3-Ethoxypropylamine	64716	N-Methyltaurine
64807	1-Chloro-2-dimethylaminoethane hydrochloride	27248	Ethylenediaminetetraacetic acid dipotassium salt dihydrate	64749	N-Nitrosodiethylamine
62278	2-Chloroethylammonium chloride	64072	Ethylenediaminetetraacetic acid disodium salt dihydrate	61353	Perfluorotributylamine
64352	3-Chloropropylamine hydrochloride	27285		16145	Sarcosine
64431	N-(2-Chloropropyl)-N,N-dimethylammonium chloride			63057	Taurine
64370	Choline solution			61359	Tetramethylammonium tetrafluoroborate
64371	Colaminphosphoric acid			16303	Triethanolamine

2.1.16.3. Aromatic unsubstituted amines

63249	Alkylbenzyltrimethylammonium chloride solution	64480	Benzyltrimethylhexadecylammonium chloride	64478	4,4'-Diaminodiphenylammonium sulphate dihydrate
63218	2-Aminobiphenyl	64562	Benzyltrimethyltetradecylammonium chloride	62436	4,4'-Diaminodiphenylmethane
63223	4-Amino-N,N-diethylaniline sulphate	62136	N-Benzylmethylamine	64508	3,6-Diaminodurene
63225	4-Aminodiphenylamine	64307	Benzyltriethylammonium chloride	63360	2,7-Diaminofluorene
60423	4-Aminodiphenylamine chloride	02882	N-Benzyl-N,N,N-trimethylammonium bromide	62447	Dibenzylamine
64415	5-Aminoindane	64320	Benzyltrimethylammonium chloride	64002	N,N-Dibenzyl-2-chloroethylamine hydrochloride
63240	3-Aminopyrene	62144	Benzyltrimethylammonium hydroxide solution	15439	N,N-Dimethylaniline
65201	5-Amino-1,2,3,4-tetrahydronaphthalene	64528	Benzyltrimethylammonium hydroxide solution	63881	2,3-Dimethylaniline
15112	Aniline	64311	1,3-Bis(aminomethyl)-benzene	63934	2,4-Dimethylaniline
15111	Aniline chloride	65193	4- <i>tert</i> -Butylaniline	63935	2,5-Dimethylaniline
60057	Benzylamine			63936	2,6-Dimethylaniline
63252	N-Benzyltrimethylamine			63937	3,4-Dimethylaniline
				62545	4,5-Dimethyl-o-phenylenediamine

64557	N,N-Dimethyl-p-phenylenediamine	64079	Hydrobenzamide	16165	1,4-Phenylenediammonium dichloride
62549	N,N-Dimethyl-p-toluidine	15731	N-Methylaniline	62976	N-Phenylnaphthyl-(1)-amine
60158	Diphenylamine	63876	(+)- α -Methylbenzylamine	64800	N-Phenyl-N,N,N-trimethylammonium tribromide
64566	1,2-Diphenylethylamine	63875	(-)- α -Methylbenzylamine	65170	4-iso-Propylaniline
62567	N,N'-Diphenylethylenediamine	62787	DL- α -Methylbenzylamine	64861	N,N,N',N'-Tetramethyl-p-phenylenediammonium dichloride
62574	N,N'-Diphenyl-p-phenylenediamine	63363	2-Methyl-1,3-phenylenediamine	16222	o-Tolidine
62036	N-Ethylaniline	63364	4-Methyl-1,2-phenylenediamine	16224	o-Toluidine
62037	2-Ethylaniline	63344	Naphthalenediamine-(1,5)	63103	m-Toluidine
64374	3-Ethylaniline	62854	Naphthalenediamine-(1,8)	16228	p-Toluidine
62038	4-Ethylaniline	60229	Naphthylamine-(1)	64875	p-Toluidinium chloride
63469	N-Ethylbenzylamine	62958	Phenethylamine	63116	Tribenzylamine
64355	N-Ethyl-1-naphthylamine	62969	1,2-Phenylenediamine	64913	2,4,6-Trimethylaniline
60411	N-Ethyl-naphthylammonium-(1)-bromide	63718	1,3-Phenylenediamine	63133	2,4,5-Trimethylaniline
62606	Fluorenamine-(2)	65083	1,2-Phenylenediammonium dichloride	63799	Triphenylamine

2.1.16.4. Aromatic substituted amines

64258	4'-Aminoacetanilide	64427	6-Amino-1-hydroxy-3-naphthalenesulphonic acid	63319	4-Chloro-1,3-diaminobenzene
62066	2-Aminoacetophenone	64412	2-Amino-5-iodobenzoic acid	64833	5-Chloro-2,4-dimethoxyaniline
62067	3-Aminoacetophenone	63948	4-Amino-2-iodotoluene	63309	2-Chloro-4-dimethylaminobenzaldehyde
62068	4-Aminoacetophenone	65199	2-Aminonaphthalenecarboxylic-3 acid	61069	3-Chloro-4-fluoroaniline
62069	1-Aminoanthraquinone	65059	3,6-Amino-1-naphthalenedisulphonic acid	61486	2-Chloro-6-fluorobenzylamine
62070	2-Aminoanthraquinone	65060	4-Amino-1-naphthalenesulphonic acid	62317	2-Chloro-4-methylaniline
64259	4-Aminoazobenzene	65061	5-Amino-1-naphthalenesulphonic acid	65204	2-Chloro-5-methylaniline
65139	2-Aminobenzaldehyde	65062	7-Amino-1-naphthalenesulphonic acid	65164	2-Chloro-6-methylaniline
64290	3-Aminobenzaldehyde	63236	1-Amino-7-naphthol	64411	3-Chloro-2-methylaniline
64282	4-Aminobenzaldehyde	65200	2-Amino-6-naphthol	62318	3-Chloro-4-methylaniline
64260	2-Aminobenzamide	64426	8-Amino-1-naphthol-3,6-disulphonic acid monosodium salt	62319	4-Chloro-2-methylaniline
62071	3-Aminobenzoic acid	64910	2-Amino-4-nitrobenzoic acid	62320	5-Chloro-2-methylaniline
15141	4-Aminobenzoic acid	61459	2-Amino-5-nitrobenzotrifluoride	62323	2-Chloro-4-nitroaniline
15138	2-Aminobenzoic acid	61216	4-Amino-3-nitrobenzotrifluoride	63068	2-Chloro-5-nitroaniline
64264	3-Aminobenzoic acid hydrochloride	64439	2-Amino-4-nitrophenol	64227	4-Chloro-3-nitroaniline
62072	2-Aminobenzonitrile	64440	2-Amino-5-nitrophenol	64340	4-Chloro-2-nitrodiphenylamine
64281	3-Aminobenzonitrile	60032	2-Aminophenol	64422	2-Chloro-1,4-phenylenediammonium sulphate
64280	4-Aminobenzonitrile	60033	3-Aminophenol	64586	2-Cyano-4-nitroaniline
64265	2-Aminobenzophenone	60034	4-Aminophenol	63356	1,4-Diaminoanthraquinone
63210	4-Aminobenzophenone	62662	4-Aminophenol hydrochloride	62435	3,5-Diaminobenzoic acid
64275	2-Aminobenzophenone-2'-carboxylic acid	64525	2-Aminophenol-4-sulphonic acid	64476	3,4-Diaminobenzoic acid
63211	2-Amino-5-bromotoluene	60414	4-Aminophenylacetic acid	63992	4,4'-Diaminodiphenyl disulphide
63212	4-Amino-3-bromotoluene	62078	5-Amino-iso-phthalic acid	63993	4,4'-Diaminodiphenyl ether
63213	5-Amino-2-bromotoluene	62098	2-Anisidine	62437	4,4'-Diaminodiphenylsulphone
63217	3-Amino-4-chlorobenzoic acid	62099	3-Anisidine	61299	1,2-Diamino-4-fluorobenzene
64490	2-Amino-5-chlorobenzonitrile	62100	4-Anisidine	64743	2,5-Diaminonitrobenzene
62076	2-Amino-5-chlorobenzophenone	63244	2-Arsanilic acid	63361	3,4-Diaminonitrobenzene
61086	2-Amino-5-chlorobenzotrifluoride	63245	4-Arsanilic acid	63362	2,4-Diaminophenol dihydrochloride
61087	3-Amino-4-chlorobenzotrifluoride	64301	2-Benzylaminoethanol	62440	4,4'-Diamino-2,2'-stilbenedisulphonic acid
61088	5-Amino-2-chlorobenzotrifluoride	63256	4-Benzoyloxylanilinium chloride	63369	2,4-Dibromoaniline
64483	2-Amino-4-chlorodiphenyl ether	61091	3,5-Bis(trifluoromethyl)aniline	63370	2,5-Dibromoaniline
63219	4-Amino-4'-chlorodiphenyl ether	62169	2-Bromoaniline	63405	2,6-Dibromoaniline
64486	2-Amino-4'-chlorodiphenylamine	62170	3-Bromoaniline	65143	2,6-Dibromo-4-nitroaniline
64475	2-Amino-4'-chlorodiphenylamine-2'-carboxylic acid	65189	4-Bromoaniline	62474	2,3-Dichloroaniline
60095	2-Amino-4-chlorophenol	64344	4-Bromo-N,N-dimethylaniline	62475	2,4-Dichloroaniline
65197	3-Amino-o-cresol	64353	2-Bromo-4-nitroaniline	62476	2,5-Dichloroaniline
65196	4-Amino-o-cresol	64763	4-Butoxyaniline	64503	2,6-Dichloroaniline
65198	5-Amino-o-cresol	62285	2-Chloroaniline	62477	3,4-Dichloroaniline
64271	2-Amino-p-cresol	62286	3-Chloroaniline	64739	3,5-Dichloroaniline
64272	4-Amino-m-cresol	62287	4-Chloroaniline	64884	3,5-Dichloroanthranilic acid
63234	6-Amino-m-cresol	64268	3-Chloroaniline-4,6-disulphonamide	64932	2,4-Dichlorobenzylamine
65195	2-Aminodiphenylsulphone	62299	2-Chlorobenzylamine	63381	3,4-Dichlorobenzylamine
61261	4-Amino-4'-fluorobiphenyl	64843	3-Chlorobenzylamine	64513	2,6-Dichloro-4-nitroaniline
61266	2-Amino-4-fluorotoluene	64395	4-Chlorobenzylamine	65211	4,5-Dichloro-2-nitroaniline
61265	2-Amino-5-fluorotoluene	63318	4-Chloro-1,2-diaminobenzene	63407	4-Diethylaminobenzaldehyde
61071	4-Amino-2-fluorotoluene			64034	4-Diethylaminobenzonitrile
61263	5-Amino-2-fluorotoluene			60118	3-Diethylaminophenol
61072	6-Amino-2-fluorotoluene			61067	2,4-Difluoroaniline
64269	4-Amino-2-hydroxybenzoic acid				

61230	2,5-Difluoroaniline	61433	N-(4-Fluorophenyl)-ethylendiamine	15820	3-Nitroaniline
64549	2,4-Dimethoxyaniline			15822	4-Nitroaniline
62511	2,5-Dimethoxyaniline	61488	DL-(2-Fluorophenyl)-glycine	63683	2-Nitrodiphenylamine
64532	3,4-Dimethoxyaniline	61501	D(-)-(4-Fluorophenyl)-glycine	63691	4-Nitroso-N,N-diethylaniline
64534	3,5-Dimethoxyaniline	61510	DL(±)-(4-Fluorophenyl)-glycine	63692	N-Nitrosodiphenylamine
60146	4-Dimethylaminobenzaldehyde	63516	Homoveratrylamine	64755	L(-)-Noradrenaline-L-tartrate
63430	3-Dimethylaminobenzoic acid	63719	N-(2-Hydroxyethyl)aniline	61438	Pentafluoroaniline
64049	4-Dimethylaminobenzoic acid	64636	N-(4-Hydroxyphenyl)glycine	62963	o-Phenetidine
63431	4-Dimethylaminobenzonitrile	62679	3-Hydroxytyraminium chloride	60245	p-Phenetidine
64540	3-(Dimethylamino) phenol	62701	2-Iodoaniline	63187	D(-)-α-Phenylaminoacetic acid
62551	2,4-Dinitroaniline	62702	3-Iodoaniline	63188	DL-α-Phenylaminoacetic acid
64990	2,6-Dinitroaniline	62703	4-Iodoaniline	63717	N-Phenyldiethanolamine
62552	3,5-Dinitroaniline	62746	Metanilic acid	27807	Sulphanilic acid
63449	3,3'-Dinitrobenzidine	64950	2-Methoxy-4-nitroaniline	65093	2,3,5,6-Tetrachloroaniline
60159	Diphenylamine-2-carboxylic acid	62767	4-Methoxy-2-nitroaniline	65094	2,3,4,5-Tetrachloroaniline
64262	Ethyl 2-aminobenzoate	62768	4-Methoxy-m-phenylenediamine	61454	2,3,5,6-Tetrafluoroaniline
65192	Ethyl 3-aminobenzoate	65208	4-Methoxy-o-phenylenediammonium chloride	61106	3-Tetrafluoroethoxyaniline
65173	Ethyl 4-aminobenzoate			64887	2,4,6-Tribromoaniline
64365	N-Ethyl-N-cyanoethylaniline	62778	1-Methylaminoanthraquinone	16354	2,4,6-Tribromoaniline
62049	N-Ethyl-N-(2-hydroxyethyl)-p-phenylenediamine sulphate	60028	Methyl 2-aminobenzoate	65113	2,3,4-Trichloroaniline
		63930	Methyl 4-aminobenzoate	64896	2,4,6-Trichloroaniline
61144	2-Fluoro-5-aminobenzotrifluoride	64408	2-Methyl-3-nitroaniline	63121	2,4,5-Trichloroaniline
61064	2-Fluoroaniline	62814	2-Methyl-4-nitroaniline	61084	2-Trifluoromethylaniline
61065	3-Fluoroaniline	62815	2-Methyl-5-nitroaniline	61085	3-Trifluoromethylaniline
61066	4-Fluoroaniline	62816	2-Methyl-6-nitroaniline	61200	4-Trifluoromethylaniline
61163	4-Fluorobenzylamine	62216	4-Methyl-2-nitroaniline	61139	3-(Trifluoromethyl)-diphenylamine
61318	4-Fluoro-2-methyl-N,N-dimethylaniline	62187	4-Methyl-3-nitroaniline	61468	N-(3-Trifluoromethylphenyl)-anthranilic acid
61322	4-Fluoro-2-nitroaniline	62096	5-Methyl-2-nitroaniline	64928	2,4,6-Tris-(dimethylaminomethyl)-phenol
61430	4-Fluoro-3-nitrophenyltrimethylammonium iodide	62825	5-Methylphenazinium methyl sulphate	64941	Veratrylamine
		62843	α-Methyl-DL-tyrosine		
		15819	2-Nitroaniline		

2.1.16.5. Heterocyclic amines

63208	9(5)-Aminoacridine chloride monohydrate	64522	N-Aminophthalimide	63997	2,4-Diamino-6-hydroxypyrimidine monohydrate
60029	2-Aminobenzothiazole	63239	N-(3-Aminopropyl)morpholine	64765	4,5-Diamino-6-hydroxypyrimidine sulphate
63221	2-Amino-5-chloropyridine	64277	2-Aminopyrazine	63998	4,6-Diamino-2-mercaptopyrimidine
63222	3-Amino-2-chloropyridine	64518	3-Aminopyrazinecarboxylic acid	63251	2,4-Diamino-6-phenyl-1,3,5-triazine
64467	2-Amino-3,5-dibromopyridine	62090	2-Aminopyridine	62438	2,3-Diaminopyridine
64462	5-Amino-3,4-dimethylisoxazole	62091	3-Aminopyridine	62439	2,6-Diaminopyridine
64461	2-Amino-4,6-dimethylpyrimidine	62092	4-Aminopyridine	63329	3,4-Diaminopyridine
64452	4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole	64278	2-Aminopyrimidine	64740	3,5-Diamino-1,2,4-triazole
64448	2-Amino-3-hydroxypyridine	64495	4-Aminoquinaldine	62520	3-(Dimethylaminomethyl)indole
64416	6-Amino-2-hydroxypyridine	64267	8-Aminoquinoline	64541	4-(Dimethylamino)-pyridine
63229	5-Aminoindazole	63241	5-Aminotetrazole monohydrate	63459	2,2'-Dipyridylamine
63228	6-Aminoindazole	60037	2-Aminothiazole	64394	1-Ethyl-3-aminopiperidine
63230	2-Amino-6-methylbenzothiazole	62093	2-Aminothiazoline	64075	Furfuramide
62082	2-Amino-3-methylpyridine	63243	3-Amino-1,2,4-triazole	62616	2-Furfurylamine
62083	2-Amino-4-methylpyridine	63258	2-Benzylaminopyridine	64641	L-5-Hydroxytryptophan
62084	2-Amino-5-methylpyridine	65167	Carbendazime (BCM)	63560	DL-5-Hydroxytryptophan
62085	2-Amino-6-methylpyridine	64837	6-Chloro-2,4-diaminopyrimidine	65088	3-Picolylamine
63235	2-Amino-4(6)-methylpyrimidine	15705	Creatinine	63003	Piperonylamine
64274	6-Aminonicotinamide	63994	4,5-Diamino-6-hydroxy-2-mercaptopyrimidine	65110	2,4,6-Triaminopyrimidine
63237	2-Amino-5-nitropyridine	63995	2,4-Diamino-6-hydroxy-5-nitrosopyrimidine	60340	2,4,6-Triamino-1,3,5-triazine
64443	6-Aminopenicillanic acid	63996	3,4-Diamino-5-hydroxypyrazole sulphate		
64524	3-Amino-1-phenyl-5-pyrazolone				

2.1.17. Nitro and nitroso compounds

2.1.17.1. Unsubstituted nitro and nitroso compounds

64564	1,2-Dinitrobenzene	63854	2,3-Dinitrotoluene	63684	2-Nitroethylbenzene
60478	1,3-Dinitrobenzene	62558	2,4-Dinitrotoluene	63685	4-Nitroethylbenzene
62554	1,4-Dinitrobenzene	62559	2,6-Dinitrotoluene	62885	2-Nitrofluorene
62556	2,2'-Dinitrobiphenyl	62560	3,4-Dinitrotoluene	65068	5-Nitroindane
63851	4,4'-Dinitrobiphenyl	63531	2,4-Dinitro-m-xylene	63686	5-Nitroindazole
64063	2,5-Dinitrofluorene	64106	2-Methyl-5-nitroimidazole	63689	Nitromesitylene
62557	1,5-Dinitronaphthalene	15823	Nitrobenzene	62889	Nitromethane
65213	4,4'-Dinitrostilbene	62873	Nitroethane	60236	1-Nitronaphthalene

65069	2-Nitronaphthalene	63694	β -Nitrostyrene	62213	3-Nitro-o-xylene
62899	2-Nitropropane	62901	2-Nitrotoluene	63845	2-Nitro-m-xylene
64748	Nitrosobenzene	62902	3-Nitrotoluene	63844	4-Nitro-m-xylene
64116	4-Nitrosophenazone	15833	4-Nitrotoluene	62903	5-Nitro-m-xylene

2.1.17.2. Substituted nitro and nitroso compounds

63196	2-Acetamido-5-nitrothiazole	65211	4,5-Dichloro-2-nitroaniline	62216	4-Methyl-2-nitroaniline
64910	2-Amino-4-nitrobenzoic acid	62487	2,4-Dichloronitrobenzene	62187	4-Methyl-3-nitroaniline
61459	2-Amino-5-nitrobenzotrifluoride	63724	2,5-Dichloronitrobenzene	62096	5-Methyl-2-nitroaniline
61216	4-Amino-3-nitrobenzotrifluoride	64514	3,4-Dichloronitrobenzene	65044	2-Methyl-3-nitrobenzoic acid
64439	2-Amino-4-nitrophenol	64852	3,5-Dichloronitrobenzene	65045	3-Methyl-2-nitrobenzoic acid
64440	2-Amino-5-nitrophenol	64882	2,4-Dichloro-6-nitrophenol	63891	3-Methyl-4-nitrobenzoic acid
63237	2-Amino-5-nitropyridine	63392	2,6-Dichloro-4-nitrophenol	62818	4-Methyl-3-nitrobenzoic acid
63976	4-Bromo-3-chloronitrobenzene	61235	1,5-Difluoro-2,4-dinitrobenzene	63892	5-Methyl-2-nitrobenzoic acid
61174	3-Bromo-4-fluoronitrobenzene	61058	2,4-Difluoronitrobenzene	62819	N-Methyl-N-nitroso-p-toluenesulphonamide
64650	5-Bromo-2-hydroxy-3-nitropyridine	61241	2,5-Difluoronitrobenzene	62869	4-Nitroacetanilide
64353	2-Bromo-4-nitroaniline	63453	2,4-Dinitroacetanilide	62870	2-Nitroacetophenone
63957	2-Bromo-4-nitroanisole	62551	2,4-Dinitroaniline	62871	3-Nitroacetophenone
63958	2-Bromo-5-nitroanisole	64990	2,6-Dinitroaniline	62872	4-Nitroacetophenone
63959	4-Bromo-3-nitroanisole	62552	3,5-Dinitroaniline	15819	2-Nitroaniline
62209	2-Bromonitrobenzene	64061	2,4-Dinitroanisole	15820	3-Nitroaniline
62210	3-Bromonitrobenzene	64563	2,4-Dinitrobenzaldehyde	15822	4-Nitroaniline
63270	2-Bromo-4-nitrotoluene	62555	2,4-Dinitrobenzenesulphenyl chloride	64735	2-Nitroanisole
62553	2-Bromo-5-nitrotoluene	63449	3,3'-Dinitrobenzidine	64736	4-Nitroanisole
62586	4-Bromo-2-nitrotoluene	63451	3,4-Dinitrobenzoic acid	62875	3-Nitrobenzaldehyde
62614	4-Bromo-3-nitrotoluene	15923	3,5-Dinitrobenzoyl chloride	62876	4-Nitrobenzaldehyde
65203	2-Bromo-6-nitrotoluene	64978	2,4-Dinitroiodobenzene	64738	4-Nitrobenzene sulphonylchloride
62308	1-Chloro-2,4-dinitrobenzene	64991	2,4-Dinitrophenyl-4-semicarbazide	61260	4-Nitrobenzenediazonium tetrafluoroborate
63310	4-Chloro-3,5-dinitrobenzoic acid	61322	4-Fluoro-2-nitroaniline	62878	2-Nitrobenzoic acid
63311	4-Chloro-3,5-dinitrobenzonitrile	61427	3-Fluoro-6-nitrobenzaldehyde	62879	3-Nitrobenzoic acid
61146	2-Chloro-3,5-dinitrobenzotrifluoride	61428	4-Fluoro-2-nitrobenzaldehyde	27723	4-Nitrobenzoic acid
61083	4-Chloro-3,5-dinitrobenzotrifluoride	61055	2-Fluoronitrobenzene	62880	3-Nitrobenzoic acid sodium salt
61060	3-Chloro-4-fluoronitrobenzene	61056	3-Fluoronitrobenzene	65064	2-Nitrobenzonitrile
61296	4-Chloro-2-fluoro-5-nitrotoluene	61057	4-Fluoronitrobenzene	63681	3-Nitrobenzonitrile
64411	3-Chloro-2-methylaniline	61143	2-Fluoro-5-nitrobenzotrifluoride	65065	4-Nitrobenzonitrile
62323	2-Chloro-4-nitroaniline	61516	2-Fluoro-6-nitrobenzyl bromide	61079	2-Nitrobenzotrifluoride
63068	2-Chloro-5-nitroaniline	61323	4-Fluoro-4'-nitrobiphenyl	61080	3-Nitrobenzotrifluoride
64227	4-Chloro-3-nitroaniline	61429	2-Fluoro-6-nitrophenol	65188	2-Nitrobenzoyl chloride
61070	dto.	61325	3-Fluoro-4-nitrophenol monohydrate	62881	3-Nitrobenzoyl chloride
63323	2-Chloro-5-nitroanisole	61324	3-Fluoro-6-nitrophenol	60232	4-Nitrobenzoyl chloride
63317	4-Chloro-3-nitroanisole	61430	4-Fluoro-3-nitrophenyltrimethylammonium iodide	62882	2-Nitrobenzyl alcohol
64316	1-Chloro-3-nitrobenzene	61431	2-Fluoro-5-nitropyridine	65066	3-Nitrobenzyl alcohol
62325	4-Chloronitrobenzene	61478	2-Fluoro- β -nitrostyrene	62883	4-Nitrobenzyl alcohol
15317	2-Chloronitrobenzene	61482	4-Fluoro- β -nitrostyrene	62884	4-Nitrobenzyl bromide
64417	2-Chloro-4-nitrobenzoic acid	61061	2-Fluoro-4-nitrotoluene	65067	2-Nitrobenzyl chloride
63122	2-Chloro-5-nitrobenzoic acid	61062	2-Fluoro-5-nitrotoluene	65214	3-Nitrobenzyl chloride
64226	4-Chloro-2-nitrobenzoic acid	61063	2-Fluoro-6-nitrotoluene	64847	4-Nitrobenzyl chloroformate
62324	4-Chloro-3-nitrobenzoic acid	01811	2-Fluoro-6-nitrotoluene	63908	3-Nitrobenzyl iodide
61081	4-Chloro-3-nitrobenzotrifluoride	61326	3-Fluoro-6-nitrotoluene	65218	4-Nitrocinnamaldehyde
61082	5-Chloro-2-nitrobenzotrifluoride	61327	4-Fluoro-2-nitrotoluene	65071	2-Nitrocinnamaldehyde
65160	2-Chloro-6-nitrobenzyl bromide	64083	2-Hydroxy-5-nitrophenyl sulphate dipotassium salt	62904	trans-2-Nitrocinnamic acid
64340	4-Chloro-2-nitrodiphenylamine	63546	2-Hydroxy-5-nitropyridine	65219	4-Nitrocinnamic acid
60104	2-Chloro-4-nitrophenol	65032	3-Hydroxy-2-nitropyridine	62887	4-Nitro-m-cresol
60105	4-Chloro-2-nitrophenol	64085	2-Iodonitrobenzene	63683	2-Nitrodiphenylamine
62326	2-Chloro-3-nitropyridine	63570	3-Iodonitrobenzene	65063	2-Nitroethanol
62328	2-Chloro-4-nitrotoluene	63571	4-Iodonitrobenzene	22071	5-Nitro-8-hydroxyquinoline
63111	4-Chloro-2-nitrotoluene	64086	2-Iodo-4-nitrotoluene	62890	2-Nitrophenol
62333	5-Chloro-2-nitrotoluene	64087	2-Iodo-5-nitrotoluene	60238	4-Nitrophenol
63118	6-Chloro-2-nitrotoluene	64088	4-Iodo-2-nitrotoluene	64391	4-Nitrophenyl chloroformate
64586	2-Cyano-4-nitroaniline	63612	4-Methoxy-3-nitroacetophenone	61460	4-Nitrophenyl trifluoroacetate
63995	2,4-Diamino-6-hydroxy-5-nitrosopyrimidine	64850	2-Methoxy-4-nitroaniline	62893	2-Nitrophenylacetic acid
64743	2,5-Diaminonitrobenzene	62767	4-Methoxy-2-nitroaniline	62894	4-Nitrophenylacetic acid
63361	3,4-Diaminonitrobenzene	64408	2-Methyl-3-nitroaniline	62892	4-Nitrophenylacetoneitrile
65143	2,6-Dibromo-4-nitroaniline	62814	2-Methyl-4-nitroaniline	63915	2-Nitrophenylhydrazine
63373	2,5-Dibromonitrobenzene	62815	2-Methyl-5-nitroaniline	65070	3-Nitrophenylhydrazinium chloride
63374	2,6-Dibromo-4-nitrophenol	62816	2-Methyl-6-nitroaniline	64745	4-Nitrophenylhydrazinium chloride
64513	2,6-Dichloro-4-nitroaniline				

60418	3-Nitrophthalic acid	27745	Picric acid	65116	2,4,5-Trichloro-1,3-dinitrobenzene
63688	2-Nitro- <i>iso</i> -phthalic acid	63750	2,3,4,5-Tetrachloronitrobenzene	63777	2,3,4-Trichloronitrobenzene
62897	3-Nitrophthalic anhydride	63751	2,3,5,6-Tetrachloronitrobenzene	63778	2,4,5-Trichloronitrobenzene
62900	4-Nitropyridine-1-oxide	61102	2-Tetrafluoroethoxynitrobenzene	65118	Trichloronitromethane
64749	N-Nitrosodiethylamine	61103	3-Tetrafluoroethoxynitrobenzene	61391	2,4,5-Trifluoronitrobenzene
63691	4-Nitroso-N,N-diethylaniline	61104	4-Tetrafluoroethoxynitrobenzene	63801	Tris-(hydroxymethyl)-nitromethane
63692	N-Nitrosodiphenylamine	61105	2-Tetrafluoroethoxy-5-nitrotoluene		
63693	4-Nitrosophenol				
60239	4-Nitroveratrole				

2.1.18. Sulphur compounds

2.1.18.1. Aliphatic and alicyclic sulphur compounds

63205	N-Allyl-N'-(2-hydroxyethyl)thiourea	15447	Dimethyl sulphate	63581	2-Methylpropanethiol-(1)
63206	Allylmercaptan	62547	Dimethyl sulphide	64716	N-Methyltaurine
62060	Allyl <i>iso</i> -thiocyanate	62548	Dimethyl sulphite	60406	Methyl <i>iso</i> -thiocyanate
62062	N-Allylthiourea	60153	Dimethyl sulphoxide	62838	N-Methylthiourea
63946	2-Aminoethylsulphuric acid	63432	2-Dimethylaminoethanethiol hydrochloride	63699	Octadecanethiol-(1)
60366	Ammonium-0,0-diethyl dithiophosphate	60307	Dimethylsulphone	62920	1-Octanethiol
60365	Ammonium-0,0-dimethyl dithiophosphate	60367	0,0-Dimethylthiophosphoric acid chloride	64777	1,5-Pentanedithiol
64497	N,N-Bis-(2-hydroxyethyl)-2-aminoethanesulphonic acid	63460	4,4'-Dithiodibutyric acid	61129	Perfluorohexanesulphenyl chloride
61128	Bis-(perfluorohexyl)-disulphide	62592	1-Dodecanethiol	61039	Perfluorohexanesulphonic acid potassium salt
64781	(+)-3-Bromocamphor-8-sulphonic acid ammonium salt	62034	Ethanedithiol-(1,2)	61038	Perfluorohexanesulphonic acid solution
64338	(+)-3-Bromocamphor-8-sulphonic acid monohydrate	63481	Ethanethiol	61041	Perfluorooctanesulphonic acid potassium salt
64339	(+)-3-Bromocamphor-10-sulphonic acid monohydrate	64406	S-Ethyl chlorothioformate	61040	Perfluorooctanesulphonic acid solution
63265	2-Bromoethanesulphonic acid sodium salt	62756	Ethyl methanesulphonate	64812	1,2-Propanedithiol
62232	Butanethiol-(1)	64354	Ethyl thiocyanate	64813	1,3-Propanedithiol
62233	Butanethiol-(2)	64873	Ethyl thioglycolate	63020	1-Propanethiol
64708	D(+)-Camphorsulphonic acid	61397	Ethyl trifluoromethanesulphonate	64814	2-Propanethiol
64815	Chlorodimethyl sulphide	61379	S-Ethyl trifluorothioacetate	62862	Sodium dodecyl sulphate
64218	Chloromethyl thiocyanate	63473	N,N'-Ethylenethiourea	63057	Taurine
64372	Chlorosulphonyl <i>iso</i> -cyanate	63500	Heptylmercaptan	63753	1-Tetradecanethiol
64077	Cyclohexanesulphamic acid	63511	1,6-Hexanedithiol	60407	Thioacetanilide
64453	Cyclohexanethiol	64623	1-Hexanethiol	63093	Thioacetic acid
64460	Cystamine dichloride	62736	2-Mercaptoethanol	64862	Thioacetic acid potassium salt
63603	Cysteamine hydrochloride	62739	2-Mercaptopropionic acid	63092	2,2'-Thiodiacetic acid
15337	L(+)-Cysteine hydrochloride	62740	3-Mercaptopropionic acid	63766	3,3'-Thiodipropionic acid
63351	Decanethiol-(1)	62738	Mercaptosuccinic acid	63767	1-Thioglycerol solution
63355	Diallyl disulphide	62755	Methanesulphonic acid	60280	Thioglycollic acid
64494	Di- <i>tert</i> -butyl disulphide	64341	Methanesulphonic anhydride	27813	Thioglycollic acid 80%
62469	Dibutyl sulphide	62757	Methanesulphonyl chloride	60282	Thiophenol
64627	Di- <i>tert</i> -butyl sulphide	60378	Methanethiophosphonic acid dichloride	16217	Thiourea
62470	N,N'-Dibutylthiourea	63608	L-Methionine sulphone	63124	Trichloromethanesulphenyl chloride
62496	N,N'-Dicyclohexylthiourea	63609	L-Methionine sulphoxide	64901	Trichloromethanesulphonyl chloride
60122	Diethyl sulphate	63745	DL-Methionine sulphoxide	61457	2,2,2-Trifluoroethanesulphonyl chloride
62433	Diethyl sulphide	61395	Methyl fluorosulphonate	61470	Trifluoromethanesulphonic acid
60368	O,O-Diethyl thiophosphoric acid chloride	64479	Methyl methylthiomethyl sulphoxide	61398	Trifluoromethanesulphonic anhydride
64046	2,3-Dimercaptopropanol-(1)	64710	Methyl phenyl sulphide	65129	Trimethylsulphonium iodide
62531	Dimethyl disulphide	63094	Methyl thioglycollate	64921	Trimethylsulphoxonium iodure
		61399	Methyl trifluoromethanesulphonate		
		63629	Methylene dithiocyanate		
		62833	2-Methylpropanethiol-(2)		

2.1.18.2. Aromatic sulphur compounds

64252	4-Acetamido-benzoylsulphochloride	65061	5-Amino-1-naphthalenesulphonic acid	62119	Benzenesulphonamide
63197	4-Acetamidothiophenol	65062	7-Amino-1-naphthalenesulphonic acid	60047	Benzenesulphonic acid monohydrate
65195	2-Aminodiphenylsulphone	64426	8-Amino-1-naphthol-3,6-disulphonic acid monosodium salt	60048	Benzenesulphonyl chloride
64427	6-Amino-1-hydroxy-3-naphthalenesulphonic acid	64525	2-Aminophenol-4-sulphonic acid	64570	Benzenesulphonyl <i>iso</i> -cyanate
64947	4-Amino-2-hydroxy-1-naphthalenesulphonic acid, diazotized	64510	Anthraquinone-2-sulphonic acid sodium salt	62135	Benzylmercaptan
65059	3,6-Amino-1-naphthalenedisulphonic acid	64819	Benzaldehyde-2,4-disulphonic acid disodium salt dihydrate	62142	S-Benzyl- <i>iso</i> -thiuronium chloride
65060	4-Amino-1-naphthalenesulphonic acid	64294	1,3-Benzenedisulphonic acid disodium salt	64456	4-Bromophenyl <i>iso</i> -thiocyanate
				64468	4-Bromothiobanisole
				63960	2-Bromothiophenol
				64268	3-Chloroaniline-4,6-disulphonamide

62296	4-Chlorobenzenesulphonamide	61332	4-Fluorophenyl <i>iso</i> -thiocyanate	27308	5-Sulphosalicylic acid dihydrate
64438	4-Chlorophenyl <i>iso</i> -thiocyanate	61436	4-Fluorothiophenol	61111	4-Tetrafluoroethoxybenzenesulphonyl chloride
62354	4-Chlorothiophenol	65174	2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid	61112	N-Tetrafluoroethyl-N-methylbenzene sulphonamide
63992	4,4'-Diaminodiphenyl disulphide	64083	2-Hydroxy-5-nitrophenyl sulphate dipotassium salt	64871	Thiobenzamide
64478	4,4'-Diaminodiphenylammonium sulphate dihydrate	62737	2-Mercaptobenzoic acid	63765	Thiobenzoic acid
62437	4,4'-Diaminodiphenylsulphone	62746	Metanilic acid	64877	4-Toluene sulphonhydrazide
62440	4,4'-Diamino-2,2'-stilbenedisulphonic acid	64094	3-Methylbenzyl thiocyanate	63107	4-Toluenesulphonamide
64713	Dibenzenesulphimide	62819	N-Methyl-N-nitroso-p-toluenesulphonamide	16265	Toluenesulphonamide <i>mixture of 2- and 4-isomers</i>
15905	Dibenzyl disulphide	62825	5-Methylphenazinium methyl sulphate	27815	4-Toluenesulphonic acid monohydrate
64651	Dibenzyl sulphide	63108	Methyl-4-toluenesulphonate	64878	4-Toluenesulphonic acid silver salt
64484	Dibenzyl sulphoxide	65056	2-Naphthol-3,6-disulphonic acid disodium salt	64876	4-Toluenesulphonic anhydride
62448	1,3-Dibenzylthiourea	63678	Naphthyl-(1)-thiourea	60399	4-Toluenesulphonyl chloride
64934	3,5-Dichlorophenylmethylsulphone	64738	4-Nitrobenzene sulphonylchloride	65107	4-Toluenesulphonyl <i>iso</i> -cyanate
64045	4,4'-Dihydroxybiphenylsulphone	61440	Pentafluorophenyl isothiocyanate	64606	Toluenesulphonyl-(4)-methyl <i>iso</i> -cyanide
62555	2,4-Dinitrobenzenesulphenyl chloride	61370	Pentafluorothiophenol	64134	4-Toluenethiol
64567	Diphenyl disulfide	63723	Phenylmercaptoacetic acid	65114	2,4,5-Trichlorobenzenesulphonyl chloride
62576	Diphenyl sulphide	63721	Phenyl <i>iso</i> -thiocyanate	60316	2,4,6-Triisopropylbenzenesulphonyl chloride
64569	Diphenyl sulphoxide	62987	N-Phenylthiourea	64915	2,4,6-Trimethylbenzenesulphonic acid dihydrate
62577	Diphenylsulphone	13507	Sodium naphthalenesulphonate-(2)		
16216	Diphenylthiourea	13504	Sodium naphthalenesulphonate-(1)		
62582	2,2'-Dithiodibenzoic acid	27807	Sulphanilic acid		
63106	Ethyl-(4)-toluenesulphonate				
61378	4-Fluorobenzenesulphonamide				
61274	4-Fluorobenzenesulphonyl chloride				

2.1.18.3. Heterocyclic sulphur compounds (without compounds with S as hetero atom)

64452	4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole	22023	8-Hydroxyquinoline sulphate-potassium sulphate	64105	N-Methylrhodanine
64530	4(6)-Benzyl-2-thiouracil	22024	8-Hydroxyquinoline-5-sulphonic acid	62840	4-Methyl-2-thiouracil
22014	Chiniofon-sodium	64646	Indole-3-hydrogen sulphate potassium salt	63030	4-Propyl-2-thiouracil
64457	N-Cyclohexyl-N'-[β -(N-methylmorpholine)-ethyl]carbodiimide-p-toluenesulphonate	22012	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	63604	Pyridinethiol-(2)
63994	4,5-Diamino-6-hydroxy-2-mercaptopyrimidine	63600	2-Mercaptobenzimidazole	63605	Pyrimidinethiol-(2)
63998	4,6-Diamino-2-mercaptopyrimidine	63601	2-Mercaptobenzothiazole	63607	2-Thiazolinethiol-(2)
61499	2-Fluoro-N-methylpyridinium tosylat (<i>Mukaiyama's reagent</i>)	64997	2-Mercaptobenzoxazole	64313	N ¹ -2-Thiazolylsulphanilamide
62613	Furanmethanethiol-(2)	64996	N-Mesitylenesulphonyl-1-imidazole	64133	Thiocaprolactame
22022	8-Hydroxyquinoline sulphate			63095	2-Thiohydantoin
				65105	Thionicotinamide
				63606	Thiooxene hydrochloride
				63100	2-Thiouracil

2.1.19. Phosphorus compounds

60366	Ammonium-O,O-diethyl dithiophosphate	62339	Diphenyl chlorophosphate	60289	Tributyl phosphate
60365	Ammonium-O,O-dimethyl dithiophosphate	64142	Di- <i>iso</i> -propyl phosphite	63119	Tributyl phosphine
64485	Benzyltriphenylphosphonium chloride	64957	1-(Ethoxycarbonyl-ethyl)-triphenylphosphonium bromide	65112	Tributyl phosphite
64232	Chloromethyltriphenylphosphonium chloride	64248	Ethyltriphenylphosphonium bromide	64136	Tricresyl phosphate
64371	Colaminphosphoric acid	60179	Hexamethylphosphoric triamide	63142	Trimethyl phosphate
62374	2-Cyanoethyl phosphoric acid barium salt dihydrate	60376	Methanephosphonic acid	60372	Trimethyl phosphin oxide
64459	Cyclopropyltriphenylphosphonium bromide	60377	Methanephosphonic acid dichloride	65156	Trioctyl phosphine oxide
64517	Dichlorophenyl phosphine	60378	Methanethiophosphonic acid dichloride	63152	Triphenyl phosphate
62988	Diethyl phosphite	62842	Methyltriphenylphosphonium bromide	60293	Triphenyl phosphite
60368	O,O-Diethyl thiophosphoric acid chloride	60359	1-Phenyl-1-vinylphosphonic acid	60404	Triphenylphosphine
64236	Dimethyl phosphite	65183	Propanephosphonic acid anhydride solution	63153	Triphenylphosphine oxide
60367	O,O-Dimethylthiophosphoric acid chloride	16266	Tetraphenylphosphonium bromide	64925	Triphenylvinylphosphonium bromide
		64864	Tetraphenylphosphonium chloride	60353	Tris-(hydroxymethyl)-phosphine
				60354	Tris-(hydroxymethyl)-phosphin oxide
				64929	Tris-(triphenylphosphine)rhodium(I) chloride

2.1.20. Antimony, arsenic, boron, selenium, silicon and bismuth compounds

63244	2-Arsanilic acid	64995	2-Methylbenzoselenazole	65109	Triethyloxonium tetrafluoroborate
63245	4-Arsanilic acid	64698	Methyldichlorosilane	64639	Trimethylsilyl azide
62117	Benzeneboronic acid	61260	4-Nitrobenzenediazonium tetrafluoroborate	63143	N-(Trimethylsilyl)acetamide
64676	Butylboric acid	64799	Phenyltrichlorosilane	63144	N-(Trimethylsilyl)diethylamine
64255	Chloromethyltrimethylsilane	64836	Selenourea	63147	Triphenylantimony
62358	Chlorotrimethylsilane	61359	Tetramethylammonium tetrafluoroborate	63800	Triphenylantimony dichloride
64744	Dichlorodiphenylsilane	64945	Trichlorooctadecylsilane	63148	Triphenylarsine
64247	Ethyltrichlorosilane	64863	Trichlorovinylsilane	63149	Triphenylarsine oxide
62638	Hexamethyldisilazane			63154	Triphenylbismuth
62639	Hexamethyldisiloxane			65130	Triphenylsilane

2.1.21. Heterocyclic compounds

2.1.21.1. Pyridines

62016	2-Acetylpyridine	62326	2-Chloro-3-nitropyridine	63614	2-Methoxypyridine
62017	3-Acetylpyridine	62350	2-Chloropyridine	63649	Methyl nicotinate
62018	4-Acetylpyridine	64433	3-Chloropyridine	64714	3-Methylpyridine 1-oxide
63221	2-Amino-5-chloropyridine	64919	4-Chloropyridine-N-oxide	63679	Nicotinamide
63222	3-Amino-2-chloropyridine	62351	4-Chloropyridinium chloride	63584	iso-Nicotinamide
64467	2-Amino-3,5-dibromopyridine	63353	4'-Deoxypyridoxol hydrochloride	62867	Nicotine
64448	2-Amino-3-hydroxypyridine	62438	2,3-Diaminopyridine	63941	Nicotinic acid
64416	6-Amino-2-hydroxypyridine	62439	2,6-Diaminopyridine	62694	iso-Nicotinic acid hydrazide
62082	2-Amino-3-methylpyridine	63329	3,4-Diaminopyridine	64112	Nicotinic anhydride
62083	2-Amino-4-methylpyridine	64003	2,4-Dibenzylpyridine	62900	4-Nitropyridine-1-oxide
62084	2-Amino-5-methylpyridine	62495	2,6-Dichloropyridine	63705	Pentachloropyridine
62085	2-Amino-6-methylpyridine	63814	3,5-Dichloropyridine	60259	2-Picoline
64274	6-Aminonicotinamide	63419	4,6-Dihydroxypyrimidine	62995	3-Picoline
63237	2-Amino-5-nitropyridine	64541	4-(Dimethylamino)-pyridine	62996	4-Picoline
62090	2-Aminopyridine	63459	2,2'-Dipyridylamine	63583	4-Propylpyridine
62091	3-Aminopyridine	62868	Ethyl nicotinate	64824	2,2'-Pyridil
62092	4-Aminopyridine	62693	Ethyl iso-nicotinate	16037	Pyridine
64278	2-Aminopyrimidine	62053	2-Ethylpyridine	16038	Pyridine
64300	2-Benzoylpyridine	62054	3-Ethylpyridine	16525	Pyridine-2-aldoxime
62329	3-Benzoylpyridine	62055	4-Ethylpyridine	64825	Pyridine-4-aldoxime
62391	4-Benzoylpyridine	63036	Ethyl 2-pyridinecarboxylate	63331	Pyridinecarbonitrile-(2)
63255	Benzyl nicotinate	61499	2-Fluoro-N-methylpyridinium tosylat (<i>Mukaiyama's reagent</i>)	63332	Pyridinecarbonitrile-(3)
63258	2-Benzylaminopyridine	61431	2-Fluoro-5-nitropyridine	63333	Pyridinecarbonitrile-(4)
62140	2-Benzylpyridine	61349	2-Fluoropyridine	63034	2-Pyridinecarboxylic acid
62141	4-Benzylpyridine	63523	2-(2-Hydroxyethyl)pyridine	63035	4-Pyridinecarboxylic acid
62152	4,4'-Bipyridine	63735	4-(Hydroxymethyl)-pyridine	63038	2,5-Pyridinedicarboxylic acid
64650	5-Bromo-2-hydroxy-3-nitropyridine	63541	2-Hydroxy-6-methylpyridine	63039	2,6-Pyridinedicarboxylic acid
64653	2-Bromo-3-hydroxypyridine	63546	2-Hydroxy-5-nitropyridine	63040	Pyridine-1-oxide
62224	2-Bromopyridine	65032	3-Hydroxy-2-nitropyridine	63604	Pyridinethiol-(2)
62225	3-Bromopyridine	63551	2-Hydroxypyridine	64828	Pyridinium chloride
62226	4-Bromopyridine hydrochloride	63552	3-Hydroxypyridine	64128	Pyridylaldehyde-(2)
64356	Butyl nicotinate	63553	4-Hydroxypyridine	64129	Pyridylaldehyde-(3)
63051	4-(4-Chlorobenzyl)pyridine	63554	2-Hydroxypyridine-5-carboxylic acid	64130	Pyridylaldehyde-(4)
64237	2-Chloro-3-hydroxypyridine	63555	3-Hydroxypyridine-N-oxide	63041	Pyridyl-(2)-methanol
63313	2-Chloro-6-hydroxypyridine	64145	2,4-Lutidine	63042	Pyridyl-(3)-methanol
62316	2-Chloro-6-methoxypyridine	62727	2,6-Lutidine	63736	4-Pyridylpyridinium chloride
64234	2-Chloro-4-methylpyridine	64664	3,4-Lutidine	62273	Quinolinic acid
64240	2-Chloro-6-methylpyridine	62728	3,5-Lutidine	65105	Thionicotinamide
64238	2-Chloronicotinic acid			60302	2-Vinylpyridine
				63175	4-Vinylpyridine

2.1.21.2. Other nitrogen-containing six-membered rings

64333	Alloxan tetrahydrate	64389	1-(2-Chloroethyl)-piperidine hydrochloride	64765	4,5-Diamino-6-hydroxypyrimidine sulphate
64461	2-Amino-4,6-dimethylpyrimidine	64432	1-(3-Chloropropyl)-piperidinium chloride	63998	4,6-Diamino-2-mercaptopyrimidine
63235	2-Amino-4(6)-methylpyrimidine	62377	Cyanuric acid	63251	2,4-Diamino-6-phenyl-1,3,5-triazine
64277	2-Aminopyrazine	62376	Cyanuric chloride	64960	Dichlorocyanuric acid
64518	3-Aminopyrazinecarboxylic acid	63994	4,5-Diamino-6-hydroxy-2-mercaptopyrimidine	63396	2,4-Dichloropyrimidine
63940	N-Benzylpiperazine dihydrochloride	63995	2,4-Diamino-6-hydroxy-5-nitrosopyrimidine	63397	4,6-Dichloropyrimidine
64305	4-Benzylpiperidine	63997	2,4-Diamino-6-hydroxypyrimidine monohydrate	64559	2,5-Dimethylpiperazine
62138	1-Benzylpiperidinone-(4)			62546	2,6-Dimethylpiperidine
64530	4(6)-Benzyl-2-thiouracil			64403	N-Ethoxycarbonylpiperazine
64837	6-Chloro-2,4-diaminopyrimidine				

64394	1-Ethyl-3-aminopiperidine	62829	2-Methylpiperidine	63030	4-Propyl-2-thiouracil
64322	1-Ethyl-3-chloropiperidinium chloride	63900	3-Methylpiperidine	63031	Pyrazine
60019	N-Ethylpiperidine	62830	4-Methylpiperidine	63498	Pyrazinecarboxamide
62052	2-Ethylpiperidine	64711	1-Methyl-3-piperidinol	64822	2-Pyrazinecarboxylic acid
63296	Hexadecylpyridinium chloride monohydrate	62831	1-Methyl-4-piperidinol	64823	2,3-Pyrazinedicarboxylic acid
62641	Hexamethylenimine	62832	1-Methyl-4-piperidinone	63733	Pyridazine
63991	5-Hydroxybarbituric monohydrate	65053	2-Methylpyrazine	63597	3,6-Pyridazinediol
63522	N-(2-Hydroxyethyl)piperazine	62840	4-Methyl-2-thiouracil	63605	Pyrimidinethiol-(2)
64638	1-Hydroxypiperidine	63703	Orotic acid monohydrate	65096	Tetrachloropyrimidine
64827	3-Hydroxypiperidine	64131	Piperazine	63100	2-Thiouracil
63556	4(6)-Hydroxypyrimidine	60260	Piperidine	63773	Triallyl cyanurate
65007	2-Hydroxypyrimidine hydrochloride	64593	1-Piperidinecarbaldehyde	65110	2,4,6-Triaminopyrimidine
63899	2-Methylpiperazine	63729	4-Piperidinecarboxylic acid	60340	2,4,6-Triamino-1,3,5-triazine
62827	1-Methylpiperazine	62999	Piperidinium chloride	65140	1,3,5-Triazine
62828	1-Methylpiperidine	63000	2-Piperidinoethanol	65115	Trichloro-iso-cyanuric acid
		63001	Piperine	63798	1,2,4-Trimethylpiperazine
		60497	N,N'-Propylene urea		

2.1.21.3. Nitrogen-containing other rings

64217	2-Acetyl-N-methylpyrrole	65155	5,5-Dimethylhydantoin	64106	2-Methyl-5-nitroimidazole
64210	2-Acetylpyrrole	64059	3,5-Dimethyl-1-phenylpyrazole	62835	1-Methylpyrrol
63203	Allantoin	63444	3,5-Dimethylpyrazole	63657	N-Methylpyrrolaldehyde-(2)
63204	Alloxantin dihydrate	64568	5,5-Diphenylhydantoin	15780	N-Methylpyrrolidone-(2)
64452	4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole	63473	N,N'-Ethylenethiourea	62932	5-Oxo-L-proline
63241	5-Aminotetrazole monohydrate	15076	N,N'-Ethyleneurea	62974	2-Phenylimidazole
63243	3-Amino-1,2,4-triazole	64239	1-Ethylimidazole	64144	2-Phenylimidazoline
64793	N-Bromocaprolactame	63480	N-Ethylmaleimide	62975	1-Phenyl-3-methylpyrazolone-(5)
60081	N-Bromosuccinimide	64609	Heptamethylenimine	64124	1-Phenylpyrazole
63288	N-Butylimidazole	62656	Hydantoin	64125	1-Phenylpyrazolidone-(3)
62261	ϵ -Caprolactam	63538	4-(Hydroxymethyl)-imidazole hydrochloride	63032	Pyrazole
60431	1,1'-Carbonyldiimidazole	65035	4-Hydroxypiperidine	63044	Pyrrole
64920	N-(2-Chloroethyl)-pyrrolidine hydrochloride	64640	N-Hydroxysuccinimide	64830	2-Pyrrolecarbaldehyde
60112	N-Chlorosuccinimide	63561	Imidazole	63929	Pyrrole-2-carboxylic acid
15705	Creatinine	62332	Imidazole-4-acrylic acid dihydrate	63045	Pyrrolidine
63996	3,4-Diamino-5-hydroxypyrazole sulphate	64654	N-Iodosuccinimide	63046	Pyrrolidone-(2)
64740	3,5-Diamino-1,2,4-triazole	63644	Lysidine	64133	Thiocaprolactame
64481	1,5-Diazabicyclo[4.3.0]non-5-ene	64665	Maleimide	63095	2-Thiohydantoin
63786	1,4-Diazabicyclo[2.2.2]octane	64997	2-Mercapto-1-methylimidazole	63115	1,2,4-Triazole
63372	1,3-Dibromo-5,5-dimethylhydantoin	64996	N-Mesitylenesulphonyl-1-imidazole	61458	N-Trifluoroacetylimidazole
63387	1,3-Dichloro-5,5-dimethylhydantoin	64705	1-Methylimidazole	64135	2,4,5-Triphenylimidazole
		63645	2-Methylimidazole	63157	<i>trans</i> -Tropine
				63810	N-Vinylpyrrolidone-(2)

2.1.21.4. Nitrogen-containing condensed rings

64222	1-Acetyl-3-indolaldehyde	62270	Carbazole	62520	3-(Dimethylaminomethyl)indole
64228	3-Acetylimidazole	65167	Carbendazime (BCM)	62524	5,6-Dimethylbenzimidazole
64208	Acridanone	61222	2-Carboxy-5-fluoroindole	64056	1,2-Dimethylindole
62020	Acridine	63965	2-Chlorobenzal bromide	64956	N-Ethoxycarbonylphthalimide
64212	Acridinium chloride	63969	5-Chlorobenzotriazole	62043	9-Ethylcarbazole
63208	9(5)-Aminoacridine chloride monohydrate	22069	5-Chloro-8-hydroxyquinoline	61308	5-Fluoroindole
63229	5-Aminoindazole	22006	5-Chloro-7-iodo-8-hydroxyquinoline	63508	<i>cis</i> -Hexahydrophthalimide
63228	6-Aminoindazole	22090	5-Chloro-7-iodo-8-hydroxyquinoline	63525	5-Hydroxyindole
64524	3-Amino-1-phenyl-5-pyrazolone	64548	4-Chloro-2-phenylquinazoline	63526	5-Hydroxyindol-3-yl acetic acid
64522	N-Aminophthalimide	64402	2-Chloroquinoline	63539	N-Hydroxymethylphthalimide
64495	4-Aminoquinoline	63326	Cinchonidine	64082	2-Hydroxy-4-methylquinoline
64267	8-Aminoquinoline	15323	Cinchonine	63550	2-(3-Hydroxypropyl)benzimidazole
62114	Benzimidazole	22016	Copper-8-hydroxyquinoline	65027	8-Hydroxyquinoline
63250	3,4-Benzo[c]cinnoline	64687	1,5-Diazabicyclo[5.4.0]undec-5-ene	65028	2-Hydroxyquinoline
63726	Benzo[α]pyridazine	22055	5,7-Dibromo-8-hydroxyquinoline	63860	4-Hydroxyquinoline
60051	Benztotriazole	22067	5,7-Dichloro-8-hydroxyquinoline	60187	6-Hydroxyquinoline
22003	7-Bromo-5-chloro-8-hydroxyquinoline	63398	4,7-Dichloroquinoline	22019	8-Hydroxyquinoline
64331	N-(2-Bromoethyl)-phthalimide	63418	2,4-Dihydroxypteridine	22060	8-Hydroxyquinoline benzoate
64656	5-Bromoindole	63420	2,3-Dihydroxyquinoxaline	22020	8-Hydroxyquinoline hydrochloride
64657	5-Bromoisatine	22008	5,7-Diiodo-8-hydroxyquinoline	22022	8-Hydroxyquinoline sulphate
60492	N-Bromophthalimide			22023	8-Hydroxyquinoline sulphate-potassium sulphate

63520	2-Hydroxyquinoline-4-carboxylic acid	62690	3-(3-Indolyl)-propionic acid	63686	5-Nitroindazole
22024	8-Hydroxyquinoline-5-sulphonic acid	22012	7-Iodo-8-hydroxyquinoline-5-sulphonic acid	64116	4-Nitrosophenazone
64641	L-5-Hydroxytryptophan	62691	Isatoic anhydride	62962	Phenazine
63560	DL-5-Hydroxytryptophan	62692	Isoquinoline	64791	2-Phenylindole
15631	Indole	63591	Kynurenic acid	22025	Phenylmercury-8-hydroxyquinoline
64643	Indole-3-acetonitrile	63600	2-Mercaptobenzimidazole	62992	Phthalimide
64644	Indole-3-acrylic acid	64373	5-Methoxyindole	64801	Phthalimide-potassium
62688	Indole-2-carboxylic acid	63618	2-Methylbenzimidazole	62271	Quinaldine
63862	Indole-3-carboxylic acid	64093	1-Methylbenzotriazole	64558	Quinazoline
63863	Indole-5-carboxylic acid	60491	1-Methylindole	64382	Quinine
64645	Indole-3-ethanol	64706	2-Methylindole	60089	Quinoline
64646	Indole-3-hydrogen sulphate potassium salt	62810	3-Methylindole	15305	Quinoline
62689	Indoline	63646	3-Methyl <i>iso</i> -quinoline	64385	Quinoxaline
62600	3-Indolyl acetate	63660	6-Methylquinoline	64775	3-Quinuclidinol
65006	Indolyl-3-acetic acid	63661	8-Methylquinoline	63077	1,2,3,4-Tetrahydroisoquinoline
63566	4-(3-Indolyl)-butyric acid	63662	2-Methylquinoxaline	63075	1,2,3,4-Tetrahydroquinoline
		22071	5-Nitro-8-hydroxyquinoline	63606	Thiooxene hydrochloride

2.1.21.5. Oxygen-containing rings

63939	2-Acetylbutyrolactone	24225	1,4-Dioxan	65082	Meldrum's acid
62061	Allylglycide ether	24224	1,4-Dioxan	65181	2-Methoxy-1,4-dioxan
64515	α -Angelicalactone	62562	1,3-Dioxolane	65182	2-Methoxytetrahydrofuran
64292	Benzo [b] furan	63464	Ellagic acid	64096	6-Methylcoumarin
64293	2-Benzofurancarboxylic acid	64582	Epibromhydrin	62801	3,3'-Methylenebis(4-hydroxycoumarin)
62185	2-Bromo- γ -butyrolactone	60162	Epichlorhydrin	64701	3,4-Methylenedioxyphenol
62200	5-Bromofuran-2-carboxylic acid	62598	1,2-Epoxybutane	62806	2-Methylfuran
62249	<i>n</i> -Butyl glycidyl ether	64583	2,3-Epoxy-1-propanol	63665	2-Methyltetrahydrofuran
62262	ϵ -Caprolactone	62047	Ethylene oxide	64108	4-Methylumbelliferone
63582	(\pm)- <i>iso</i> -Citric acid lactone	62612	Ethyl 2-furancarboxylate	61026	1H,1H,2H,3H,3H-Perfluorononylene oxide-(1,2)
65134	12-Crown-4	65011	Ethyl 3-furancarboxylate	63744	Phenylethylene oxide
65135	15-Crown-5	62610	Furan	62991	Phthalide
64345	18-Crown-6	62611	Furan-2-carboxylic acid	65088	3-Picolylamine
63335	1,5,9-Cyclododecatriene monoxide	65010	Furan-3-carboxylic acid	63001	Piperine
63337	Cyclohexene oxide	65012	Furan-3,4-dicarboxylic acid	64806	Piperonyl alcohol
62417	Dehydroacetic acid	62613	Furanmethanethiol-(2)	63003	Piperonylamine
63986	Dehydroacetic acid sodium salt	15517	Furfural	63737	Pyromellitic dianhydride
63990	Dehydroascorbic acid	64074	Furfuralacetone	64832	Safrole
64820	Dibenzo-18-crown-6	64075	Furfuramide	16212	Tetrahydrofuran
62442	Dibenzofuran	62615	Furfuryl alcohol	65100	Tetrahydrofurfuryl chloride
64764	2,6-Dibromopyridine	62616	2-Furfurylamine	63076	2 + 3-(Tetrahydrofurfuryloxy)tetrahydropyran
64509	4,5-Dichloro-1,3-dioxolan-2-one	64597	2-Furoyl chloride	63079	Tetrahydropyran
64959	2,3-Dichloromaleic anhydride	63489	3-(2-Furyl)acrylic acid	63146	1,3,5-Trioxane
64523	1,2:3,4-Diepoxybutane	15608	Heliotropin	63169	γ -Valerolactone
62421	2,5-Diethoxytetrahydrofuran	64617	Hexamethylene oxide	64943	9-Xanthencarboxylic acid
64042	Dihydrocoumarin	62672	4-Hydroxycoumarin	63181	Xanthone
60139	3,4-Dihydro-2H-pyran	64080	6-Hydroxy-4-methylcoumarin	64138	Xanthidrol solution
63416	5,7-Dihydroxy-4-methylcoumarin	63542	3-Hydroxy-2-methyl-1,4-pyrone		
62518	<i>cis,trans</i> -2,5-Dimethoxytetrahydrofuran	65030	2-Hydroxymethyltetrahydropyran		
64992	1,3-Dioxan	63590	Khellin		

2.1.21.6. Sulphur-containing rings

64229	N-Acetyl-DL-homocysteine thiolactone	64575	1,3-Dithiane	60278	Tetramethylene sulphone
65159	2-Acetylthiophen	62583	1,3-Dithiolanethione-(2)	61381	1-[Thenoyl-(2')]-3,3,3-trifluoroacetone
62129	2-Benzoylthiophene	64303	Ethyl 1,3-dithiane-2-carboxylate	64870	Thianthrene
62227	2-Bromothiophene	65031	2-Hydroxymethylthiophene	16218	Thiophene
64451	3-Bromothiophene	63573	2-Iodothiophene	63096	Thiophenecarbaldehyde-(2)
65185	5-Bromothiophenecarbaldehyde-2	64715	3-Methylsulpholane	65106	2-Thiophenecarbonyl chloride
62353	2-Chlorothiophene	62839	2-Methylthiophene	63097	Thiophene-2-carboxylic acid
62444	Dibenzothiophene	64717	3-Methylthiophene	65162	2,3,5-Tribromothiophene
64010	2,5-Dibromothiophene	63058	3-Sulpholene		
64029	2,5-Dichlorothiophene	63080	Tetrahydrothiophene		
63448	2,4-Dimethylsulpholane	65079	Tetraiodothiophene		

2.1.21.7. Various rings containing hetero atoms

63196	2-Acetamido-5-nitrothiazole	64457	N-Cyclohexyl-N'-[β-(N-methylmorpholine)-ethyl]carbodiimide-p-toluenesulphonate	64105	N-Methylrhodanine
62013	4-Acetylmorpholine			15740	Morpholine
60029	2-Aminobenzothiazole			65057	1,8-Naphthosultone
64462	5-Amino-3,4-dimethylisoxazole	63987	N,N-Diacetylaminothodanine	60247	Phenothiazine
63230	2-Amino-6-methylbenzothiazole	60426	2,4-Dimethyl-5-acetylthiazole	61372	2-Phenyl-4-(2-fluorobenzal)-5-oxazolone
64443	6-Aminopenicillanic acid	62050	N-Ethylmorpholine	61373	2-Phenyl-4-(3-fluorobenzal)-5-oxazolone
63239	N-(3-Aminopropyl)morpholine	62846	N-(2-Hydroxyethyl)-morpholine	61374	2-Phenyl-4-(4-fluorobenzal)-5-oxazolone
60037	2-Aminothiazole	63601	2-Mercaptobenzothiazole	63090	L(-)-Thiazolidine-4-carboxylic acid
62093	2-Aminothiazoline	63602	2-Mercaptobenzoxazole	65104	2,4-Thiazolidinedione
64581	4,5-Benzisoxazole	64995	2-Methylbenzoselenazole	63607	2-Thiazolinethiol-(2)
64297	Benzothiazole	63619	2-Methylbenzothiazole	64313	N ¹ -2-Thiazolylsulphanilamide
60493	N-Bromosaccharin	62785	2-Methylbenzoxazole		
63312	4-(2-Chloroethyl)morpholinium chloride	65042	5-Methylisoxazole		
64445	2-Chlorophenothiazine	62811	N-Methylmorpholine		

2.1.22. Metalorganic and complex compounds

63198	Acetylferrocene	64498	Dibutyltin dichloride	22025	Phenylmercury-8-hydroxyquinoline
62063	Aluminium acetylacetonate	62550	Dimethyltin dichloride	65086	Phenyl-(tribromomethyl)-mercury
64000	Bis-(benzoylcyclopentadienyl)-iron	64952	Diocetyl tin dichloride	65144	Phosphorus(V) sulphide pyridine complex
62153	Bis(tributyltin) oxide	64953	Diocetyl tin oxide	64844	Sodium acetylacetonate
64315	Boron trifluoride methyl ether-complex	62575	Diphenylmercury	65215	Sodiumaluminiumbis-(2-methoxyethoxy)-dihydride
61220	Boron trifluoride-acetic acid-complex	62603	Ferrocene	63070	Tetrabutyltin
61467	Boron trifluoride-diethyl ether-complex	64611	Hexabutyliditin	64854	Tetracyclohexyltin
61416	Boron trifluoride-ethylamine-complex	62687	Indium(III) acetylacetonate	65099	Tetradodecyltin
61417	Boron trifluoride-piperidine-complex	62596	Iron(II) acetylacetonate	60479	Tetramethyltin
61419	Boron trifluoride-iso-propylamine-complex	62597	Iron(III) acetylacetonate	63089	Tetraphenyltin
61418	Boron trifluoride-triethanolamine-complex	64650	Lithium aluminium-tri-tert.-butoxyhydride	63764	Tetravinyltin
62314	4-(Chloromercuri)benzoic acid	62729	Magnesium acetylacetonate	65138	Titanyl acetylacetonate monohydrate
62315	4-(Chloromercuri)benzoic acid sodium salt	62734	Manganese(II) acetylacetonate	64891	Tributyltin acetate
62360	Chromium(III) acetylacetonate	62735	Manganese(III) acetylacetonate	63120	Tributyltin chloride
62715	Cobalt(II) acetylacetonate	64931	Molybdenyl acetylacetonate	60480	Trimethyltin chloride
62716	Cobalt(III) acetylacetonate	62856	Nickel(II) acetylacetonate	64929	Tris-(triphenylphosphine)rhodium(I) chloride
62720	Copper(II) acetylacetonate	64397	Palladium(II) acetylacetonate	63172	Vanadium(IV) oxide acetylacetonate
62471	Dibutyltin diacetate	22101	Phenylmercury acetate	63135	Zinc(II) acetylacetonate
		22103	Phenylmercury acetate solution 25%	63139	Zirconium(IV) acetylacetonate
		22111	Phenylmercury chloride		
		62986	Phenylmercury nitrate		
		22105	Phenylmercury oleate		

2.1.23. Metal carbonyls

64347	Chromcarbonyl	65041	di-Manganese decacarbonyl	65090	hexa-Rhodium hexadecacarbonyl
65038	Cobalt carbonyl	64720	Molybdenumhexacarbonyl	65091	tri-Ruthenium dodecacarbonyl
64975	tri-Iron-dodecacarbonyl	65089	tetra-Rhodium dodecacarbonyl	63179	Tungstenhexacarbonyl
64580	di-Iron-nonacarbonyl				

2.1.24. Elements and inorganic compounds for organic synthesis

11019	Aluminium chloride	15622	Hydrazine hydrate solution about 24%	65037	Iodocyanide
64321	Aluminium selenide	18412	Hydrazine hydrate solution about 80%	12353	Iron(II) sulphate
62156	Boron tribromide			12352	Iron(II) sulphate-7-hydrate
62157	Boron trichloride	02205	Hydrobromic acid about 63%	12363	Iron(II) sulphide
62158	Boron triiodide	02201	Hydrogen bromide about 33% in acetic acid glacial	13062	Lithium
02001	Bromine			13050	Lithium aluminium hydride
13807	Carbon disulphide	01006	Hydrogen fluoride	13051	Lithium aluminium hydride
12807	Copper	61473	Hydrogen fluoride 37% solution in triethylamine	62724	Lithium amide
60324	Cyanamide solution			62725	Lithium borohydride
63928	Cyanogen bromide	61472	Hydrogen fluoride 70% solution in pyridine	62726	Lithium hydride
61229	Difluorophosphoric acid			13110	Magnesium
60352	Diphosphoric acid	03002	Iodine	13132	Magnesium perchlorate
62618	Germanium(IV) chloride	03111	Iodine monobromide	04004	Phosphorus red
64618	Hexamine-cobalt(III) chloride	03116	Iodine monochloride	60351	Phosphorus black
15620	Hydrazine dichloride	03117	Iodine trichloride	04002	Phosphorus yellow

04601	Phosphorus oxide chloride	63047	Rhodium(III) chloride-3-hydrate	13456	Sodium peroxide
04603	Phosphorus(III) chloride	63048	Ruthenium(IV) oxide	13806	Sulphur chloride
04602	Phosphorus(V) chloride	10106	Selenium tetrachloride	60389	Sulphuryl chloride
04604	Phosphorus(V) sulphide	13401	Sodium	14800	Tellurium(IV) chloride
63008	Platinum(II) chloride	62860	Sodium amide	64874	Thionyl bromide
64809	Platinum(IV) chloride	62861	Sodium borohydride	18438	Thionyl chloride
62712	Potassium borohydride	11835	Sodium cyanide	63098	Thiophosgene
62713	Potassium cyanate	62863	Sodium hydride	63099	Thiophosphoryl chloride
11812	Potassium cyanide	63741	Sodium hydride		

2.2. BIOSYNTH[®], products for biochemistry

2.2.1. Amino acids

39004	D(-)-Alanine	39403	3,5-Diiodo-L-thyronine	39023	L(+)-Methionine
39002	L(+)-Alanine	39400	3,5-Diiodo-L-tyrosine	39182	DL-Methionine
39003	DL-Alanine	39277	DL-Ethionine	39027	L(+)-Norleucine
39001	β-Alanine	39296	S-Ethyl-L-cysteine	39028	L(+)-Ornithine monohydrochloride
39051	4-Aminohippuric acid	39397	2-Fluoro-DL-phenylalanine	39030	D(+)-Phenylalanine
39050	4-Aminohippuric acid sodium salt monohydrate	39395	3-Fluoro-DL-phenylalanine	39031	L(-)-Phenylalanine
39049	5-Aminolevulinic acid hydrochloride	39392	4-Fluoro-DL-phenylalanine	39029	DL-Phenylalanine
39024	L(+)-Arginine	39012	D(-)-Glutamic acid	39212	DL-3-Phenylserine monohydrate
39346	DL-Arginine	39367	L(+)-Glutamic acid	39032	L(-)-Proline
39005	D(-)-Arginine monohydrochloride	39191	DL-Glutamic acid	39184	DL-Proline
39006	L(+)-Arginine monohydrochloride	39013	L(+)-Glutamic acid hydrochloride	39033	L(+)-Serine
39174	DL-Arginine monohydrochloride	39015	L(-)-Histidine	39026	Sodium-L-glutamate monohydrate
39007	D-Asparagine monohydrate	39016	L(+)-Histidine monohydrochloride monohydrate	39035	D(+)-Threonine
39288	L-Aspartic acid	39215	DL-Homocysteine	39034	L(-)-Threonine
39189	DL-Aspartic acid	39204	L-Homoserine	39036	DL-Threonine
39240	S-Benzyl-L-cysteine	39205	DL-Homoserine	39449	L-Thyroxine sodium salt
39300	O-Benzyl-L-tyrosine	39014	L(-)-4-Hydroxyproline	39039	D(+)-Tryptophan
39432	S- <i>tert</i> -Butylmercapto-L-cysteine	39089	3-Iodo-L-tyrosine	39037	L(-)-Tryptophan
39082	L(+)-Carnosine	39018	L(+)- <i>iso</i> -Leucine	39038	DL-Tryptophan
39008	L(+)-Citrulline	39017	DL- <i>iso</i> -Leucine	39040	D(+)-Tyrosine
39424	D-Cycloserine	39192	DL-Leucine	39041	L(-)-Tyrosine
39010	L(+)-Cysteine	39020	D(-)-Leucine	39193	DL-Tyrosine
39009	L(-)-Cystine	39019	L(+)-Leucine	39042	D(-)-Valine
39266	3,4-Dihydroxy-DL-phenylalanine	39022	L(+)-Lysine monohydrate	39043	L(+)-Valine
39011	3,4-Dihydroxy-L-phenylalanine	39021	L(+)-Lysine monohydrochloride	39044	DL-Valine
39399	3,5-Diiodo-DL-thyronine	39025	D(-)-Methionine		

2.2.2. Amino acid derivatives

39046	N-Acetyl-L-cysteine	39241	N-Benzylloxycarbonyl-S-benzyl-L-cysteine	39057	N-Benzylloxycarbonyl-L-glutamyl-L-tyrosine
39122	N-Acetyl-D-glucosamine	39254	N-Benzylloxycarbonyl-O- <i>tert</i> -butyl-L-serine dicyclohexylammonium salt	39058	N-Benzylloxycarbonylglycine
39242	N-Acetyl-L-leucine	39255	N-Benzylloxycarbonyl-O- <i>tert</i> -butyl-L-threonine dicyclohexylammonium salt	39248	N ^α -Benzylloxycarbonyl-L-histidine hydrazide
39045	N-Acetyl-DL-methionine	39256	N-Benzylloxycarbonyl-O- <i>tert</i> -butyl-L-tyrosine dicyclohexylammonium salt	39249	N-Benzylloxycarbonyl-L- <i>iso</i> -leucine dicyclohexylammonium salt
39190	N-Acetyl-L-methionine	39245	N ^α -Benzylloxycarbonyl-N ^γ -(4,4'-dimethoxybenzhydryl)-L-glutamine	39250	N-Benzylloxycarbonyl-L-leucine dicyclohexylammonium salt
39047	N-Acetylneuramic acid (NANA)	39056	N-Benzylloxycarbonyl-L-glutamic acid	39059	N ^E -Benzylloxycarbonyl-L-lysine
39048	N-Acetyl-DL-tryptophan	39247	N-Benzylloxycarbonyl-L-glutamic acid <i>tert</i> -butyl ester dicyclohexylammonium salt	39246	N ^α -Benzylloxycarbonyl-L-lysine
39098	N-Acetyl-L-tyrosine ethyl ester monohydrate	39054	N-Benzylloxycarbonyl-L-glutamine	39062	N-Benzylloxycarbonyl-L-phenylalanine
39289	L-Aspartic acid-β-benzyl ester	39244	N-Benzylloxycarbonyl-L-glutamine- <i>tert</i> -butyl ester	39251	N-Benzylloxycarbonyl-L-phenylalanine-2,4,5-trichlorophenyl ester
39099	N ^α -Benzoyl-L-argininamide hydrochloride monohydrate	39243	N-Benzylloxycarbonyl-L-glutamine-4-nitrophenyl ester	39063	N-Benzylloxycarbonyl-L-serine
39294	N ^α -Benzoyl-L-arginine	39055	N-Benzylloxycarbonyl-L-glutamyl-L-phenylalanine	39064	N-Benzylloxycarbonyl-L-threonine
39052	N ^α -Benzoyl-L-arginine ethyl ester hydrochloride			39065	N ^α -Benzylloxycarbonyl-L-tryptophan
39297	N-Benzoyl-DL-phenylalanine-2-naphthyl ester			39066	N-Benzylloxycarbonyl-L-tyrosine
39431	γ-Benzyl L-glutamate			39067	N-Benzylloxycarbonyl-L-valine
39053	N-Benzylloxycarbonyl-L-alanine			39258	N-Benzylloxycarbonyl-L-valine dicyclohexylammonium salt
39061	N ^α -Benzylloxycarbonyl-L-arginine				
39238	N-Benzylloxycarbonyl-L-asparagine				
39239	N-Benzylloxycarbonyl-L-asparagine-4-nitrophenylester				

39259	N-Benzoyloxycarbonyl-L-valine-2,4,5-trichlorophenyl ester	39078	N-(<i>tert.</i> -Butoxycarbonyl)-L-norleucine	39090	L-Leucine methyl ester hydrochloride
39377	Benzyl L-phenylalaninate hydrochloride	39489	N-(<i>tert.</i> -Butoxycarbonyl)-L-phenylalanine	39087	Methyl glycinate hydrochloride
39068	N-(<i>tert.</i> -Butoxycarbonyl)-L-alanine	39079	N-(<i>tert.</i> -Butoxycarbonyl)- β -phenyl-L-alanine	39279	Methyl- β -alaninate hydrochloride
39482	N ^{α} -(<i>tert.</i> -Butoxycarbonyl)-L-asparagine		dicyclohexylammonium salt	39280	Methyl-L-alaninate hydrochloride
39069	N-(<i>tert.</i> -Butoxycarbonyl)-L-aspartic acid- β - <i>tert.</i> -butylester	39490	N-(<i>tert.</i> -Butoxycarbonyl)-L-proline	39299	Methyl S-benzyl-L-cysteinate hydrochloride
	dicyclohexylammonium salt	39253	N-(<i>tert.</i> -Butoxycarbonyl)-L-serine	39088	Methyl L-histidinate dihydrochloride
39070	N-(<i>tert.</i> -Butoxycarbonyl)-O-benzyl-L-serine	39491	N ^{α} -(<i>tert.</i> -Butoxycarbonyl)-L-tryptophane	39092	Methyl L-methioninate hydrochloride
	dicyclohexylammonium salt	39081	N-(<i>tert.</i> -Butoxycarbonyl)-L-valine	39421	Methyl N ^{ω} -nitro-L-argininate hydrochloride
39071	N-(<i>tert.</i> -Butoxycarbonyl)-O-benzyl-L-tyrosine		dicyclohexylammonium salt	39094	Methyl L-phenylalaninate hydrochloride
39072	N ^{α} -(<i>tert.</i> -Butoxycarbonyl)-N ^{ϵ} -formyl-L-lysine	39257	O- <i>tert.</i> -Butyl-L-tyrosine methylester hydrochloride	39096	Methyl-L-tyrosinate hydrochloride
39073	N-(<i>tert.</i> -Butoxycarbonyl)-L-glutamic acid- γ -benzylester	39083	Dimethyl L-glutamate hydrochloride	39415	N-2-Naphthyloxycarbonyl-DL-phenylalanine
	dicyclohexylammonium salt	39086	Ethyl glycinate hydrochloride	39093	N ^{ω} -Nitro-L-arginine
39074	N-(<i>tert.</i> -Butoxycarbonyl)-L-glutamic acid- γ - <i>tert.</i> -butylester	39295	Ethyl-L-alaninate hydrochloride	39366	N-Phenylglycine
	dicyclohexylammonium salt	39287	Ethyl DL-alaninate hydrochloride	39095	L-Serine methyl ester hydrochloride
39485	N ^{α} -(<i>tert.</i> -Butoxycarbonyl)-L-glutamine	39298	Ethyl N-benzoyl-L-tyrosinate	39121	N ^{α} -Tosyl-L-arginine methyl ester hydrochloride
39075	N-(<i>tert.</i> -Butoxycarbonyl)-glycine	39183	Ethyl L-methioninate ethyl ester hydrochloride	39454	L-Tryptophan methyl ester hydrochloride
39487	N-(<i>tert.</i> -Butoxycarbonyl)-L-leucine	39084	L-Glutathione (oxidised)	39459	L-Valine methyl ester hydrochloride
39077	N-(<i>tert.</i> -Butoxycarbonyl)-L-methionine	39085	L-Glutathione (reduced)		
	dicyclohexylammonium salt	39108	Glycinamide hydrochloride		
39488	N ^{α} -(<i>tert.</i> -Butoxycarbonyl)-N ^{ω} -nitro-L-arginine	39091	L- <i>iso</i> -Leucine methyl ester hydrochloride		

2.2.3. Enzyme substrates

39080	Acetaldehyde	39362	D-Fructose-1,6-diphosphoric acid trisodium salt	39107	4-Nitrophenyl acetate
39172	Acetylcholine chloride	39363	D-Fructose-1-monophosphoric acid barium salt	39120	4-Nitrophenyl sulphate potassium salt
39194	Acetylcholine iodide	39138	D-Fructose-6-phosphoric acid barium salt	39117	2-Nitrophenyl- β -D-galactopyranoside
39195	Acetylthiocholine bromide	39147	D-Glucose-6-phosphoric acid barium salt	39116	4-Nitrophenyl- α -D-galactopyranoside
39097	Acetylthiocholinium iodide	39146	D-Glucose-1-phosphoric acid disodium salt	39365	2-Nitrophenyl- β -D-glucopyranoside
39098	N-Acetyl-L-tyrosine ethyl ester monohydrate	39084	L-Glutathione	39118	4-Nitrophenyl- α -D-glucopyranoside
39225	Adenosine	39085	L-Glutathione	39119	4-Nitrophenyl- β -D-glucopyranoside
39208	Adenosine-5'-triphosphoric acid disodium salt	39390	L(-)-Glyceraldehyde	39494	Phosphoenol pyruvate silver-barium salt
39285	Amygdalin	39371	Glycerol triacetate	39100	Pyruvic acid sodium salt
39052	N ^{α} -Benzoyl-L-arginine ethyl ester hydrochloride	39108	Glycinamide hydrochloride	39153	D(+)-Raffinose pentahydrate
39443	Bis-(p-nitrophenyl)-phosphate calcium salt	39109	Glycylglycine	39439	Ribonucleic acid
39309	6-Bromo-2-naphthyl- β -D-galactopyranoside	39216	DL-Homocysteine thiolactone hydrochloride	39155	D-Ribose-5-phosphoric acid barium salt
39310	6-Bromo-2-naphthyl- β -D-glucopyranoside	39379	Hyaluronic acid	39207	Serotonin-creatinine sulphate monohydrate
39197	Butyrylcholine chloride	39380	Hyaluronic acid potassium salt	39115	Sodium naphthyl-1-phosphate
39199	Butyrylcholine iodide	39200	Inosine	39237	<i>tri</i> -Sodium-DL- <i>iso</i> -citrate dihydrate
39101	Butyrylthiocholine iodide	39148	<i>meso</i> -Inositol	39163	D(-)-Sorbitol
39102	Casein	39111	2-Ketoglutaric acid	39372	Tributyrin
39175	Choline chloride	39275	L(-)-Malic acid	39110	Uric acid
39198	Choline iodide	39276	DL-Malic acid	39159	D(+)-Xylose
39112	Collagen	39105	1-Naphthyl acetate		
39265	Creatinephosphoric acid disodium salt hexahydrate	39106	2-Naphthyl acetate		
39218	Elastin-Congo red	39113	Naphtol-AS [®] -acetate		

2.2.4. Carbohydrates and carbohydrate phosphates

39272	N-Acetyl-D-galactosamine	39130	α -D(+)- <i>gluco</i> -Chloralose	39362	D-Fructose-1,6-diphosphoric acid trisodium salt
39127	Adonitol(ribitol)	39129	Chondroitin sulphate sodium salt	39363	D-Fructose-1-monophosphoric acid barium salt
39125	D(-)-Arabinose	39132	2-Deoxy-D-glucose	39138	D-Fructose-6-phosphoric acid barium salt
39126	L(+)-Arabinose	39133	2-Deoxy-D-ribose	39136	D(+)-Fucose
39236	DL-Arabinose	39134	D(+)-Digitoxose	39137	L(-)-Fucose
39123	D(+)-Arabitol	39131	Dulcitol	39139	D-Galactosamine hydrochloride
39124	L(-)-Arabitol	39135	<i>meso</i> -Erythritol		
39128	Calcium-D-saccharate	39213	D-Erythrose		
39316	D-Cellobiose	39361	D-Fructose		

39364	D(+)-Galactose	39142	Glycogen	39156	D(-)-Ribose
39143	D(+)-Galacturonic acid monohydrate	39376	Guanosine-5'-monophosphoric acid disodium salt	39155	D-Ribose-5-phosphoric acid barium salt
39145	β -Gentiobiose	39148	meso-Inositol	39171	D-Salicin
39141	D(+)-Gluconic acid- δ -lactone	39149	Inulin	39162	D-Sedoheptulose monohydrate
39144	α -D(+)-Glucosamine hydrochloride	39214	D(-)-Lyxose	39163	D(-)-Sorbitol
39147	D-Glucose-6-phosphoric acid barium salt	39407	D(+)-Maltose	39157	L(-)-Sorbose
39146	D-Glucose-1-phosphoric acid disodium salt	39150	D(+)-Mannose	39161	D-Tagatose
39140	D(+)-Glucuronic acid- γ -lactone	39151	α -D(+)-Melibiose monohydrate	39160	D(+)-Trehalose dihydrate
39370	DL-Glyceraldehyde	39152	Palatinose	39158	Xylitol
		39153	D(+)-Raffinose pentahydrate	39159	D(+)-Xylose
		39154	α -L(+)-Rhamnose monohydrate		

2.2.5. Nucleobases, nucleosides and nucleotides

39173	Adenine	39332	Cytidine-2'(3')-monophosphoric acid	39217	Inosine-5'-diphosphate trisodium salt
39224	Adenine sulphate	39228	Cytidine-5'-monophosphoric acid disodium salt	39413	Inosine-5'-phosphoric acid disodium salt
39225	Adenosine	39229	Cytosine	39393	5-Iodo-2'-deoxyuridine
39273	Adenosine-3',5'-cyclophosphoric acid	39335	2'-Deoxyadenosine	39396	5-Iodouridine
39269	Adenosine-2'-monophosphoric acid	39338	2'-Deoxycytidinium chloride	39181	6-Mercaptopurine
39270	Adenosine-3'-monophosphoric acid	39340	2'-Deoxyguanosine	39411	6-Methylaminopurine
39185	Adenosine-5'-triphosphoric acid	39341	2'-Deoxyinosine	39412	5-Methylcytosine
39208	Adenosine-5'-triphosphoric acid disodium salt	39347	2'-Deoxyuridine	39235	6-Methyluracil
39344	4-Aminouracil	39410	4,5-Diaminouracil sulphate-(5,6)	39202	5-Nitrouracil
39196	5-Aminouracil	39351	6-Dimethylaminopurine	39385	2',3'-O-iso-Propyleneadenosine
39290	5-Azacytidine	39359	5-Fluorodeoxyuridine	39186	Purine
39291	8-Azaguanine	39360	5'-Fluorouracil	39231	Pyrimidine
39292	6-Azauracil	39177	Guanine	39448	2-Thiouracil
39307	5-Bromodeoxyuridine	39178	Guanine hydrochloride	39187	Thymidine
39308	5-Bromoindoxyl acetate	39230	Guanosine	39188	Thymine
39313	5-Bromouridine	39375	Guanosine-5'-diphosphoric acid trisodium salt	39203	Uracil
39312	5-Bromouracil	39376	Guanosine-5'-monophosphoric acid disodium salt	39232	Uridine
39226	Cytidine	39430	Guanosine-2'(3')-phosphate disodium salt	39457	Uridine-5'-monophosphoric acid disodium salt
39227	Cytidine monophosphoric acid	39179	Hypoxanthine	39458	Uridine-5'-triphosphoric acid trisodium salt
39331	Cytidine-5'-diphosphoric acid trisodium salt	39200	Inosine	39233	Xanthine
				39234	Xanthosine

2.2.6. Fatty acids and derivatives

39164	Capric acid	39356	Erucic acid	39414	2-Naphthyl laurate
39378	<i>n</i> -Caproic acid	39408	Heptadecanoic acid	39425	Nonadecanoic acid
39426	<i>n</i> -Caprylic acid	39165	Lauric acid	39427	Oleic acid
39353	Elaidic acid	39180	Linolenic acid	39455	Undecanoic acid

2.2.7. Buffers see 1.9.

2.2.8. Auxiliaries and reagents for peptide chemistry

39104	1-Acetylimidazole	39303	Bis-(4-fluoro-3-nitrophenyl)-sulphone	39076	1,2-Diphenylvinylencarbonate
39475	1-Adamantyl fluoroformate	39261	N-(<i>tert</i> -Butoxycarbonyloxy)-succinimide	39467	Glyoxylic acid sodium salt
39286	L-Alanylglycine	39323	Citraconic anhydride	39394	Iodoacetic acid
39404	DL-Alanyl-DL-norvaline	39306	Cyanogen bromide	39391	4-Iodobenzenesulphonyl chloride
39281	Albumin	39348	Di- <i>tert</i> -butyl dicarbonate	39420	Ninhydrin
39428	5-Aminotetrazole monohydrate			39437	Pyridoxal hydrochloride
39284	Ammonium sulphate			39301	Succinic anhydride

2.2.9. Other biochemicals

39282	α -Acetamidocinnamic acid dihydrate	39319	6-Chloropurine	39498	Esculetine
39499	Adrenosterone	39322	Cholic acid sodium salt	39168	Esculin
39492	2-Aminoethanol	39325	Coenzyme B12	39278	N-Ethylmaleimide
39345	D(+)-Arabonic acid potassium salt	39423	Dextran MG 40000	39357	Flavin adenine dinucleotide disodium salt
39305	Boric acid	39418	Dextran MG 70000	39358	Flavin mononucleotide sodium salt
39279	Calcium-D(+)-pantothenate	39471	Dextran MG 110000	39176	Folic acid
39317	4-Chlorobenzylamine	39401	L- β , γ -Dipalmitoyl- α -lecithin	39318	Heparin ammonium salt
		39206	Escin		

39283	Heparin lithium salt	39405	Maleimide	39222	Phytol
39311	Heparin potassium salt	39409	2-Methyl-1,4-naphthoquinone	39438	Pyridoxal-5'-phosphate
39201	Heparin sodium salt	39416	Nicotinamide adenine dinucleotide	39211	Pyridoxamine dihydrochloride
39210	Histamine dihydrochloride	39417	Nicotinamide adenine dinucleotide phosphate disodium salt	39220	Riboflavine
39260	1-Hydroxybenzotriazole	39419	Nicotinic acid	39170	Sodium thioglycollate
39382	4-Hydroxy-3-methoxymandelic acid	39429	Octyl- β -D-glucopyranose	39441	Spermidine
39374	Indolyl-3-acetate	39429	Orotic acid	39442	Spermine
39267	2-Keto butyric acid sodium salt	39268	Pectin	39221	Thiaminium dichloride
39169	Lactalbumin hydrolysate	39433	Phenyl <i>iso</i> -cyanate	39447	Thiaminium pyrophosphoric acid
39469	L-Lactic acid sodium salt	39434	N-Phenylmaleimide	39450	DL- α -Tocopherol
39472	Maleic acid disodium salt			39209	DL- α -Tocopherol acetate
39406	Maleic anhydride			39223	Vanillic acid
				39460	Vitamin B12

2.3. Catalysts

2.3.1. Hydrogenation catalysts

64146	<i>RCH</i> Copper catalyst VP 60/35, pellets 60 wt. % Cu/silicon dioxide, not reduced	64152	<i>RCH</i> Palladium catalyst, powder 5 wt. % Pd/barium sulphate	64154	<i>RCH</i> Platinum catalyst 50/6, powder 5 wt. % Pt/activated carbon
14924	Nickel-aluminium alloy, for the production of Raney nickel Reag. Ph. Eur. I	62936	<i>RCH</i> Palladium catalyst, powder 5 wt. % Pd/calcium carbonate	12505	Platinum catalyst fibre, 10 wt. % Pt/asbestos
64149	Palladium, (Palladium black)	62934	<i>RCH</i> Palladium catalyst 100/6, powder 10 wt. % Pd/activated carbon	63009	Platinum(IV) oxide, powder, 83 wt. % Pt, hydrogenation catalyst according to Adams
62935	<i>RCH</i> Palladium catalyst, powder 10 wt. % Pd/barium sulphate	62938	Palladium(II) oxide hydrate, 85 wt. % Pd hydrogenation catalyst according to Adams	64156	Raney cobalt catalyst, ready-for-use suspension in water
62937	<i>RCH</i> Palladium catalyst, powder 10 wt. % Pd/calcium carbonate	64153	Platinum, (Platinum black)	64157	Raney copper catalyst, ready-for-use suspension in water
64150	<i>RCH</i> Palladium catalyst 50/6, powder 5 wt. % Pd/activated carbon	63007	<i>RCH</i> Platinum catalyst 100/6, powder 10 wt. % Pt/activated carbon	64155	Raney iron catalyst, ready-for-use suspension in water
64151	<i>RCH</i> Palladium catalyst, powder 5 wt. % Pd/aluminium oxide			64158	Raney nickel catalyst, ready-for-use suspension in water

2.3.2. Phase transfer catalysts

63249	Alkylbenzyltrimethylammonium chloride solution, 50% in water PROSYNTH®	65134	12-Crown-4, PROSYNTH®	02883	N-Tetradecyl-N,N,N-trimethylammonium bromide
64480	Benzyltrimethylhexadecylammonium chloride, PROSYNTH®	65135	15-Crown-5, PROSYNTH®	65169	Tetraethylammonium bromide, PROSYNTH®
64562	Benzyltrimethyltetradecylammonium chloride, PROSYNTH®	64345	18-Crown-6, PROSYNTH®	16269	Tetraethylammonium fluoride solution, 60% in water
64307	Benzyltriethylammonium chloride, PROSYNTH®	64820	Dibenzo-18-crown-6, PROSYNTH®	16268	Tetraethylammonium hydroxide solution, 40% in water
02882	N-Benzyl-N,N,N-trimethylammonium bromide	64002	N,N-Dibenzyl-2-chloroethylamine hydrochloride, PROSYNTH®	16262	Tetraethylammonium hydroxide solution, 20% in water
64320	Benzyltrimethylammonium chloride, PROSYNTH®	64248	Ethyltriphenylphosphonium bromide, PROSYNTH®	64858	Tetramethylammonium chloride, PROSYNTH®
62144	Benzyltrimethylammonium hydroxide solution, PROSYNTH® about 40% in methanol	65015	N-Hexadecyl-N,N,N-trimethylammonium bromide, PROSYNTH®	65101	Tetramethylammonium hydroxide solution, 25% in water PROSYNTH®
64528	Benzyltrimethylammonium hydroxide solution, PROSYNTH® 40% in water	15725	Methyltriethylammonium chloride, phase transfer catalyst	16266	Tetraphenylphosphonium bromide
64232	Chloromethyltriphenylphosphoniumchloride, PROSYNTH®	64800	N-Phenyl-N,N,N-trimethylammonium tribromide, PROSYNTH®	64912	Trimethylammonium chloride, PROSYNTH®
		65092	Tetrabutylammonium chloride, PROSYNTH®		
		64849	Tetrabutylammonium iodide, PROSYNTH®		

2.3.3. Other catalysts

62549	N,N-Dimethyl-p-toluidine, PROSYNTH® catalysator for peroxide-polymerisation
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2.4. PERMUTIT® ion exchange

69014	Permutit® Folin	69023	Permutit® ES-274	69005	Permutit® RS-20
69006	Permutit® C-65	69024	Permutit® ES-274-I	69000	Permutit® RS-120
69007	Permutit® C-67	69016	Permutit® ESB-32	69001	Permutit® RS-90
69026	Permutit® EM-13	69025	Permutit® EHP-274	69002	Permutit® RS-90-L
69027	Permutit® EM-13-I	69021	Permutit® ESB-274	69008	Permutit® RSP-120
69011	Permutit® G	69022	Permutit® ESB-274-I	69009	Permutit® RSP-100
69018	Permutit® ES-32	69020	Permutit® EHP-32	69010	Permutit® RSP-100-I
69017	Permutit® ES-26	69004	Permutit® RS-40	69019	Permutit® SK

3. Solvents

3.1. Solvents for analysis

33209	Acetic acid, (glacial) min. 99,7% R. G., Reag. ACS, Reag. ISO, Reag Ph. Eur. I, indifference to chromic acid	32211	Chloroform, R. G., stabilized with abt. 1% ethanol, Reag. ACS, Ph. Eur. I	33224	Glycerol, 86—88%, R. G., Reag. Ph. Eur. I
33206	Acetic acid, (glacial) 96% R. G.	32286	Chloroform, R.G., for determinations with dithizone, Reag. ACS, Reag. ISO, stabilized with abt. 1% ethanol	30302	Iodoethane, for the separation of mineral compounds
33214	Acetic anhydride, R. G., Reag. ACS, Reag. Ph. Eur. I	33117	Cyclohexane, R. G.	32213	Methanol, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
32201	Acetone, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	34911	Cyclohexane, SPECTRANAL®, Reag. Ph. Eur. I	33215	Methyl acetate, R. G.
33005	Acetylacetone, R. G., Reag. Ph. Eur. I	32222	Dichloromethane, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I, stabilized with (26 mg/l)	33407	Methyl ethyl ketone, R. G., Reag. Ph. Eur. I
32207	Amyl alcohol, (Fermentation amyl alcohol) pure, boiling range 128–132 °C, for milk testing according to Gerber	32203	Diethyl ether, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I, stabilized with 2,6-Di- <i>tert</i> -butyl-4-methylphenol (5 mg/l)	32288	<i>n</i> -Pentane, R.G.
32206	Amyl alcohol, R. G., Reag. Ph. Eur. I (Fermentation amyl alcohol)	30319	Diiodomethane, (D ₄ ²⁰) 3,31—3,32 for the separation of mineral compounds	32285	Pentanol-(1), R. G.
33029	Aniline, R. G., Reag. ACS, Reag. Ph. Eur. I	33175	Dimethyl sulphoxide, R. G., Reag. ACS	32248	Petroleum ether, R. G. boiling range 60—80 °C
33031	Anisole, R. G.	33147	1,4-Dioxan, R. G., Reag. Ph. Eur. I, stabilized with 2,6-di- <i>tert</i> -butyl-4-methylphenol (25 mg/l)	32246	Petroleum ether, R. G. boiling range 30—50 °C
32212	Benzene, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33159	Di- <i>iso</i> -propyl ether, R. G. stabilized with 2,6-di- <i>tert</i> -butyl-4-methyl-phenol (5 mg/l)	32247	Petroleum ether, R. G., Reag. Ph. Eur. I (petroleum benzine) boiling range 50—70 °C
33055	Benzyl alcohol, R. G., Reag. Ph. Eur. I	32221	Ethanol absolute, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33537	Piperidine, R. G., Reag. Ph. Eur. I
33061	Bromoform, (D ₄ ²⁰) 2,870–2,890 for the separation of mineral compounds	33211	Ethyl acetate, R. G., Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33538	Propanol-(1), R. G., (propyl alcohol)
33065	1-Butanol, R. G. Reag. ACS, Reag. ISO, Reag. Ph. Eur. I	33003	Ethyl acetoacetate, R. G.	33539	Propanol-(2), R. G., Reag. ACS, Reag. Ph. Eur. I (iso-propyl alcohol)
33066	2-Butanol, R. G.	33068	Ethylene glycol, R. G.	33553	Pyridine, R. G., Reag. ACS, Reag. Ph. Eur. I
33064	<i>iso</i> -Butanol, R. G.	33457	Ethylene glycol monomethyl ether, R. G.	33704	1,1,2,2-Tetrabromoethane, D ²⁰ 2,96—2,97 (Muthmann's liquid) for separation of mineral mixtures
33067	<i>tert</i> -Butanol, R. G., Reag. Ph. Eur. I	33015	Formic acid, 98—100%, R. G., Reag. ACS, Reag. Ph. Eur. I	33709	Tetrahydrofuran, R. G.
33201	<i>n</i> -Butyl acetate, R.G.	33219	Furfural, (Furfurol) R. G., Reag. Ph. Eur. I	33712	Tetrahydrofurfuryl alcohol R. G.
31627	Carbon disulphide, R. G., Reag. ACS, Reag. Ph. Eur. I			33713	1,2,3,4-Tetrahydronaphthalene, R. G.
32235	Carbon tetrachloride, R. G., for determinations with dithizone, Reag. Ph. Eur. I			32249	Toluene, R. G. free from sulphur, Reag. ACS, Reag. ISO, Reag. Ph. Eur. I
32215	Carbon tetrachloride, R. G. (max. 0,0005% S), Reag. Ph. Eur. I			33729	Triethanolamine, for metal titration
				33817	Xylene, R. G., Reag. ACS, Reag. ISO, Reag Ph. Eur. I

3.2. Solvents dried for analysis

34950	Benzene, R. G. dried (max. 0,01 % H ₂ O)	34943	Dimethyl sulphoxide, R. G. dried (max. 0,01 % H ₂ O)	34940	Methanol, R. G., Reag. Ph. Eur. I dried (max. 0,01 % H ₂ O)
34948	Carbon tetrachloride, R. G. dried (max. 0,01 % H ₂ O)	34944	1,4-Dioxan, R. G. dried (max. 0,01 % H ₂ O), stabilized with 2,6-di- <i>tert</i> -butyl-4-methylphenol (2,5 mg/l)	34945	Pyridine, R. G. dried (max. 0,01 % H ₂ O), Reag. Ph. Eur. I
34942	Diethyl ether, R. G., Reag. ACS dried (max. 0,01 % H ₂ O) stabilized with 2,6-di- <i>tert</i> -butyl-4-methylphenol (5 mg/l)	34949	Ethyl acetate, R. G. dried (max. 0,01 % H ₂ O)	34946	Tetrahydrofuran, R. G. dried 1(max. 0,01 % H ₂ O)
				34941	Xylene, R. G. dried (max. 0,01 % H ₂ O)

3.3. Solvents for extraction analysis

33160	1,2-Dichlorobenzene, for extraction analysis	33463	Methyl <i>iso</i> -butyl ketone, for extraction analysis, Reag. ACS, Reag. Ph. Eur. I	33766	Tributyl phosphate, for extraction analysis
33261	Heptanone-(2), for extraction analysis			33761	Trioctylphosphine oxide, for extraction analysis

3.4. PESTANAL® solvents for residue analysis

34480	Acetone	34495	Diethyl ether	34491	Petroleum ether
34481	Acetonitrile	34489	N,N-Dimethylformamide	34486	Propanol-(2)
34482	Benzene	34490	Ethyl acetate	34492	Propylene carbonate
34487	Chloroform	34484	<i>n</i> -Hexane	34493	Tetrahydrofuran
34488	Dichloromethane	34485	Methanol	34494	Toluene
34483	Diethyl ether				

3.5. CHROMASOLV® solvents for chromatography

34850	Acetone	34868	Diethyl ether	34860	Methanol
34851	Acetonitrile	34869	Dimethyl sulphoxide	34861	Methyl ethyl ketone
34853	Benzene	34857	1,4-Dioxan	34862	iso-Octane
34867	Butanol-(1)	34852	Ethanol absolute	34871	Propanol-(1)
34864	Carbon tetrachloride	34870	Ethanol absolute	34863	Propanol-(2)
34854	Chloroform	34858	Ethyl acetate	34865	Tetrahydrofuran
34855	Cyclohexane	34859	Hexane	34866	Toluene
34856	Dichloromethane				

3.6. SPECTRANAL® solvents for UV-spectroscopy

34900	Acetone	34915	Dimethyl sulphoxide	34918	iso-Octane
34921	Acetonitrile	34903	N,N-Dimethylformamide	34920	Paraffin
34914	Benzene	34916	1,4-Dioxan	34930	n-Pentane
34931	Butanol-(1)	34923	Ethanol absolute	34904	Propanol-(2)
34905	Carbon tetrachloride	34935	Ethanol absolute	34909	Pyridine
34902	Chloroform	34922	Ethanol 96 Vol. %	34927	Tetrachloroethylene
34911	Cyclohexane	34934	Ethanol 96 Vol. %	34928	Tetrahydrofuran
34925	1,2-Dichloroethane	34917	Ethyl acetate	34929	Toluene
34908	Dichloromethane	34913	n-Hexane	34932	1,1,2-Trichlorotrifluoroethane
34924	Diethyl ether	34906	Methanol		

3.7. Deuterated solvents

09012	Acetic acid-d ₁ , deuteration degree not less than 99 atom % D	09083	Dimethyl sulphoxide-d ₆ , deuteration degree not less than 99,8 atom %D	09059	Methyl bromide-d ₃ , deuteration degree not less than 99 atom % D
09013	Acetic acid-d ₄ , deuteration degree not less than 99 atom % D	09082	Dimethyl sulphoxide-d ₆ , deuteration degree not less than 99,95 atom %D	09023	Methyl iodide-d ₃ , deuteration degree not less than 99 atom % D
09050	Acetic anhydride-d ₆ , deuteration degree not less than 98 atom % D	09046	N,N-Dimethylformamide-d ₇ , deuteration degree not less than 99 atom % D	09060	Methylcyclohexane-d ₁₄ , deuteration degree not less than 99 atom % D
09000	Acetone-d ₆ , deuteration degree not less than 99,5 atom % D	09049	1,4-Dioxan-d ₈ , deuteration degree not less than 99 atom % D	09061	Naphthalene-d ₈ , deuteration degree not less than 99 atom % D
09089	Acetone-d ₆ , deuteration degree not less than 99,8 atom %D	09020	Ethanol-d ₁ , absolute deuteration degree not less than 99 atom % D	09072	Nitric acid-d, (50 % in D ₂₀) deuteration degree not less than 99 atom % D
09005	Acetonitrile-d ₃ , deuteration degree not less than 99 atom % D	09001	Ethanol-d ₆ , (95 % in D ₂₀) deuteration degree not less than 99 atom % D	09077	Nitrobenzene-d ₅ , deuteration degree not less than 99 atom % D
09088	Acetonitrile-d ₃ , deuteration degree not less than 99,8 atom %D	09032	Ethylene glycol-d ₄ , deuteration degree not less than 99 atom % D	09064	Nitromethane-d ₃ , deuteration degree not less than 99 atom % D
09034	Ammonia solution-d ₃ , (20 % in D ₂ O) deuteration degree not less than 99 atom % D	09033	Ethylene glycol-d ₆ , deuteration degree not less than 99 atom % D	09070	Propanol-(2)-d ₈ , deuteration degree not less than 99 atom % D
09038	Benzene-d ₆ , deuteration degree not less than 99,5 atom % D	09052	Formaldehyde-d ₂ solution, (20 % in D ₂₀) deuteration degree not less than 99 atom % D	09071	Pyridine-d ₅ , deuteration degree not less than 99 atom % D
09086	Benzene-d ₆ , deuteration degree not less than 99,8 atom %D	09053	Hexafluoro-2-propanol-d ₂ , deuteration degree not less than 98 atom % D	09079	Pyridine-d ₅ , deuteration degree not less than 99,5 atom %D
09039	Bromobenzene-d ₅ , deuteration degree not less than 99 atom % D	09054	Hexamethylphosphoric triamide-d ₁₈ , deuteration degree not less than 98 atom % D	09078	Pyridine-d ₅ , deuteration degree not less than 99,8 atom %D
09040	Bromoform-d, deuteration degree not less than 99,5 atom % D	09015	Hydrochloric acid-d, (20 % in D ₂₀) deuteration degree not less than 99,5 atom % D	09029	Sodium hydroxide-d solution, (30 % in D ₂₀) deuteration degree not less than 99,5 atom % D
09017	Chloroform-d, deuteration degree not less than 99,5 atom % D	09002	Methanol-d ₄ , deuteration degree not less than 99 atom % D	09022	Sulphuric acid-d ₂ , deuteration degree not less than 99 atom % D
09085	Chloroform-d, deuteration degree not less than 99,8 atom %D	09057	Methanol-d ₃ , deuteration degree not less than 99 atom % D	09073	1,1,2,2-Tetrachloroethane-d ₂ , deuteration degree not less than 99 atom % D
09084	Chloroform-d, deuteration degree not less than 99,95 atom %D	09004	Methanol-d ₁ , deuteration degree not less than 99,5 atom % D	09074	Tetramethylurea-d ₁₂ , deuteration degree not less than 99 atom % D
09041	Cyclohexane-d ₁₂ , deuteration degree not less than 99 atom % D	09081	Methanol-d ₄ , deuteration degree not less than 99,5 atom %D	09075	Toluene-d ₈ , deuteration degree not less than 99 atom % D
09016	Deuterium oxide, (heavy water) deuteration degree not less than 99,7 atom % D	09080	Methanol-d ₄ , deuteration degree not less than 99,8 atom %D	09024	Trifluoroacetic acid-d, deuteration degree not less than 99 atom % D
09043	Diethyl ether-d ₁₀ , deuteration degree not less than 99 atom % D			09076	2,2,2-Trifluoroethanol-d ₃ , deuteration degree not less than 99 atom % D
09047	Dimethyl sulphate-d ₆ , deuteration degree not less than 99 atom % D				
09048	Dimethyl sulphoxide-d ₆ , deuteration degree not less than 99,5 atom % D				

3.8. Solvents for scintillation

56010	Dimethyl sulphoxide	56055	Pseudocumene	56027	Toluene
56011	1,4-Dioxan	56045	Tissue solubilizer	56031	Xylene
56017	Methanol				

3.9. PURANAL® solvents

17866	Acetic acid 99—100 %	17947	Ethyl acetate	17818	Nitric acid <i>min.</i> 65 %
17834	Acetic acid 96 %	17936	Ethylene glycol monomethyl ether	17830	Perchloric acid 70 %
17825	Acetone	17959	<i>n</i> -Hexane	17861	<i>ortho</i> -Phosphoric acid <i>min.</i> 85 %
17814	Ammonia solution <i>min.</i> 25 % NH ₃	17823	Hydrochloric acid <i>min.</i> 37 %	17829	Propanol-(2)
17943	<i>n</i> -Butyl acetate	17863	Hydrochloric acid <i>min.</i> 32 %	17831	Sulphuric acid 95—97 %
17852	Carbon tetrachloride	17870	Hydrofluoric acid 70 %	17941	Tetrachloroethylene
17846	Chloroform	17912	Hydrofluoric acid 50 %	17864	Toluene
17847	Cyclohexane	17868	Hydrofluoric acid 48 %	17949	1,1,1-Trichloroethane
17953	Dichloromethane	17867	Hydrofluoric acid 40 %	17940	Trichloroethylene
17833	Ethanol absolute	17824	Methanol	17865	Xylene

3.10. MOS PURANAL® solvents

17926	Acetic acid 99—100 %, <i>particle class 0</i>	17928	Hydrofluoric acid 50 %, <i>particle class 0—2</i>	17935	Sulphuric acid 95—97 % <i>particle class 1</i>
17921	Acetone <i>particle class</i>	17932	Hydrochloric acid <i>min.</i> 37 %, <i>particle class 1</i>	17942	Tetrachloroethylene <i>particle class 0</i>
17922	Ammonia solution <i>min.</i> 25 % NH ₃ <i>particle class 0</i>	17929	Methanol <i>particle class 0</i>	17933	Trichloroethylene <i>particle class 0</i>
17927	<i>n</i> -Butyl acetate <i>particle class 0</i>	17920	Nitric acid <i>about</i> 70 % <i>particle class 0</i>	17934	Xylene <i>particle class 0</i>
17925	Dichloromethane <i>particle class 0</i>	17930	Propanol-(2) <i>particle class 0</i>		
17944	Ethanol absolute <i>particle class 0</i>				

3.11. PROSYNTH® solvents for synthesis

27221	Acetic acid 99—100 %	62381	Cycloheptanone	15447	Dimethyl sulphate
27279	Acetic acid 99—100 %	15329	Cyclohexane	60153	Dimethyl sulphoxide
27222	Acetic acid 99—100 %	24217	Cyclohexanol	60145	N,N-Dimethylacetamide
27225	Acetic acid <i>min.</i> 99,5 %	24218	Cyclohexanone	62539	2,4-Dimethylpentanone-(3)
27264	Acetic acid 90 %	24219	Decalin	60307	Dimethylsulphone
27218	Acetic acid 80 %	62441	Di- <i>iso</i> -amyl ether	24225	1,4-Dioxan
27209	Acetic anhydride	62446	Dibenzyl ether	24224	1,4-Dioxan
24201	Acetone	60126	1,2-Dibromoethane	24241	Di- <i>iso</i> -propyl ether
60004	Acetonitrile	02813	1,2-Dibromoethane	62581	Dipropylene glycol
60007	Acetyl chloride	62457	Dibromomethane	24103	Ethanol absolute
60006	Acetylacetone	24222	Di- <i>n</i> -butyl ether	24106	Ethanol 96 Vol %
27231	<i>iso</i> -Amyl acetate	65152	1,2-Dichlorobenzene	27227	Ethyl acetate
27230	<i>iso</i> -Amyl acetate	60134	1,3-Dichlorobenzene	60045	Ethyl benzoate
60038	Amyl alcohol	15428	1,2-Dichloroethane	60023	Ethyl formate
24120	Amyl alcohol	15429	<i>trans</i> -1,2-Dichloroethylene	62040	Ethylbenzene
24515	Benzene	24233	Dichloromethane	60402	Ethylene carbonate
24519	Benzene	60135	Dichloromethane	24204	Ethylene glycol
60049	Benzonitrile	60119	Diethyl carbonate	24215	Ethylene glycol monobutyl ether
24122	Benzyl alcohol	24005	Diethyl ether (<i>max.</i> 0,2 % H ₂ O)	24206	Ethylene glycol monoethyl ether
60068	Bromobenzene	24004	Diethyl ether	24234	Ethylene glycol monomethyl ether
02807	Bromoform	62431	Diethyl ketone	60380	2-Ethylhexanol
24124	Butanol-(1)	64466	N,N-Diethylacetamide	60019	N-Ethylpiperidine
24126	Butanol-(2)	60120	Diethylene glycol	62052	2-Ethylpiperidine
24125	<i>iso</i> -Butanol	62425	Diethylene glycol diethyl ether	62608	Formamide
24127	<i>tert.</i> -Butanol	62426	Diethylene glycol dimethyl ether	27001	Formic acid 98—100 %
60165	<i>n</i> -Butyl acetate	62428	Diethylene glycol monobutyl ether	27002	Formic acid <i>about</i> 85 %
27235	<i>n</i> -Butyl acetate	62427	Diethylene glycol monoethyl ether	62615	Furfuryl alcohol
13807	Carbon disulphide	62429	Diethylene glycol monomethyl ether	15677	<i>n</i> -Heptane
24248	Carbon tetrachloride	62430	N,N-Diethylformamide	15674	Heptane
24247	Carbon tetrachloride	60143	Diiodomethane	60179	Hexamethylphosphoric triamide
24216	Chloroform	60306	1,2-Dimethoxyethane	15667	Hexane
62371	Cumene	62527	Dimethyl carbonate	15671	<i>n</i> -Hexane
62379	Cycloheptane			60198	Iodomethane
62380	Cycloheptanol			03810	Iodomethane

62692	Isoquinoline	16504	Pentane <i>mixture of isomers</i>	15339	Pseudocumene
62743	Mesitylene	16534	<i>n</i> -Pentane 95 %	16037	Pyridine
24229	Methanol	60244	Pentanol-(2)	16038	Pyridine
24228	Methanol	60243	Pentanol-(1)	63045	Pyrrolidine
27237	Methyl acetate	24545	Petroleum ether <i>boiling range up to about 40° C</i>	63046	Pyrrolidone-(2)
27614	Methyl benzoate	24549	Petroleum ether <i>boiling range 30—50° C</i>	60089	Quinoline
24230	Methyl ethyl ketone	24553	Petroleum ether <i>boiling range 60—70° C</i>	16209	1,1,2,2-Tetrachloroethane
27009	Methyl formate	24557	Petroleum ether <i>boiling range 50—70° C</i>	16211	Tetrachloroethylene
60428	2-Methyl-2-butanol	24538	Petroleum ether <i>boiling range 65—95° C</i>	63754	Tetraethylene glycol dimethyl ether
60217	3-Methylbutanol-(1)	24533	Petroleum ether <i>boiling range about 90—100° C</i>	16212	Tetrahydrofuran
60222	Methyl <i>iso</i> -butyl ketone	24541	Petroleum ether <i>boiling range 40—60° C</i>	24250	1,2,3,4-Tetrahydronaphthalene
62796	Methylcyclohexane	24587	Petroleum ether <i>boiling range about 40—60° C</i>	63079	Tetrahydropyran
62804	N-Methylformamide	60259	2-Picoline	63082	N,N,N',N'-Tetramethylethylenediamine
62820	2-Methylpentane	62995	3-Picoline	16218	Thiophene
64715	3-Methylsulpholane	62996	4-Picoline	24529	Toluene (<i>thiophene max. 0,001 %</i>)
15823	Nitrobenzene	60260	Piperidine	24526	Toluene
62873	Nitroethane	60451	1,3-Propanediol	60490	1,2,3-Trichlorobenzene
62889	Nitromethane	16033	1,2-Propanediol	24254	Trichloroethylene
62899	2-Nitropropane	24135	Propanol-(1)	63113	Triethylene glycol
62906	Nonane	24137	Propanol-(2)	63114	Triethylene glycol dimethyl ether
62916	Octane	60264	Propylene carbonate	63142	Trimethyl phosphate
16514	<i>iso</i> -Octane			16449	<i>o</i> -Xylene
16506	Octane (<i>from petroleum</i>)			16453	<i>m</i> -Xylene
18512	Paraffin <i>viscid</i>			16469	<i>p</i> -Xylene
62942	Pentachloroethane			16446	Xylene
60489	<i>n</i> -Pentane				
16508	<i>iso</i> -Pentane				

4. Chromatography

4.1. Thin-layer chromatography (TLC)

4.1.1. Adsorbents for TLC

31170	Aluminium oxide D <i>neutral</i>	33821	Cellulose powder DF natural	31690	Silica gel D
31184	Aluminium oxide D <i>acid</i>	33820	Cellulose powder DF natural	31691	Silica gel DF
31166	Aluminium oxide D <i>basic</i>	33838	Cellulose powder DAC 20	31693	Silica gel DG
31167	Aluminium oxide DF <i>basic</i>	33839	Cellulose powder DAC 40	31694	Silica gel DGF
31168	Aluminium oxide DG <i>neutral</i>	33840	Cellulose DEAE	31689	Kieselguhr DG
31169	Aluminium oxide DGF <i>neutral</i>	33841	Cellulose ECTEOLA	33590	Polyamide 6 D
33836	Cellulose D	31827	Florisil®	33591	Polyamide 6 DF
33837	Cellulose powder D				

4.1.2. Ready-for-use Adsorbent layers

4.1.2.1. TLC - Aluminium sheets

37349	TLC-Sheets ALF 10 × 20 cm Aluminium oxide	37347	TLC-Sheets CEF 10 × 20 cm Cellulose	37341	TLC-Micro-Sheets SIF 5 × 10 cm Silica gel
37364	TLC-Sheets ALF 20 × 20 cm Aluminium oxide	37362	TLC-Sheets CEF 20 × 20 cm Cellulose	37345	TLC-Sheets SIF 10 × 20 cm Silica gel
37348	TLC-Sheets CE 10 × 20 cm Cellulose	37346	TLC-Sheets SI 10 × 20 cm Silica gel	37360	TLC-Sheets SIF 20 × 20 cm Silica gel
37363	TLC-Sheets CE 20 × 20 cm Cellulose	37361	TLC-Sheets SI 20 × 20 cm Silica gel		

4.1.2.2. TLC - glass plates

37604	TLC-Plates, pre-coated AL 20 × 20 cm Aluminium oxide	37603	TLC-Plates, pre-coated CEF 20 × 20 cm Cellulose	37613	TLC-Plates, pre-coated SIF 10 × 20 cm Silica gel
37605	TLC-Plates, pre-coated ALF 20 × 20 cm Aluminium oxide	37614	TLC-Plates, pre-coated SI 10 × 20 cm Silica gel	37601	TLC-Plates, pre-coated SIF 20 × 20 cm Silica gel
37602	TLC-Plates, pre-coated CE 20 × 20 cm Cellulose	37600	TLC-Plates, pre-coated SI 20 × 20 cm Silica gel		

4.1.3. Auxiliaries for TLC

32748	Bromocresol green	31502	Fluorescence indicator blue 366 nm	31482	Phosphomolybdic acid
33169	4-Dimethylaminobenzaldehyde	31503	Fluorescence indicator mixed green/blue 254/366 nm	32636	Rhodamine B
37359	TLC-Dye-stuff mixture	33462	Ninhydrin	37392	Vessel (glass) "Riedel"
37355	TLC-Fixative			37391	Micro-Vessel (glass) "Riedel"
31501	Fluorescence indicator green 254 nm				

4.2. Column chromatography

4.2.1. Adsorbents for column chromatography

31165	Aluminium oxide S <i>acid active</i>	31182	Aluminium oxide S <i>neutral, super active</i>	33831	Cellulose powder S
31183	Aluminium oxide S <i>acid, super active</i>	31104	Aluminium oxide S <i>standardised</i>	31825	Florisil® 0,075—0,150 mm
31163	Aluminium oxide S <i>basic active</i>	33832	Cellulose powder SAC 20	31826	Florisil® 0,150—0,250 mm
31181	Aluminium oxide S <i>basic, super active</i>	33833	Cellulose powder SAC 40	33612	Polyamide 6 S
31164	Aluminium oxide S <i>neutral active</i>	33830	Cellulose powder S natural	31607	Silica gel S 0,032—0,063 mm
31174	Aluminium oxide S <i>neutral active standardised</i>	33834	Cellulose DEAE	31608	Silica gel S 0,063—0,1 mm
		33835	Cellulose ECTEOLA	31612	Silica gel S 0,063—0,2 mm
				31643	Silica gel S 0,2—0,5 mm

4.2.2. Solvents for column chromatography see 3.5.

4.3. High-Pressure Liquid Chromatography (HPLC)

4.3.1. Adsorbents for HPLC

39800	Aluminium oxide HPLC	39838	Nucleosil® 100	39841	Nucleosil®
39812	Cation exchanger HPLC	39842	Nucleosil®	39821	Polyamide 6 HPLC
39809	Cation exchanger HPLC	39840	Nucleosil®	39827	Polyamide 6 HPLC
39810	Cation exchanger HPLC	39839	Nucleosil® 100	39834	Silica gel 60 HPLC
39811	Cation exchanger HPLC	39843	Nucleosil®	39830	Silica gel 60 HPLC

39828 Silica gel 60 HPLC
 39802 Silica gel 60 HPLC
 39832 Silica gel 60 HPLC
 39836 Silica gel 60 HPLC
 39806 Silica gel 60 HPLC
 39835 Silica gel 60 HPLC
 39831 Silica gel 60 HPLC

39829 Silica gel 60 HPLC
 39803 Silica gel 60 HPLC
 39833 Silica gel 60 HPLC
 39837 Silica gel 60 HPLC
 39804 Silica gel 60 HPLC
 39805 Silica gel 60 HPLC

39807 Silica gel 60 HPLC
 39826 Vydac® — 501 PP HPLC
 39823 Vydac® — 201 RP HPLC
 39822 Vydac® — 101 SI HPLC
 39825 Vydac® — 401 SA HPLC
 39824 Vydac® — 301 SB HPLC

4.3.2. HPLC column unit

37990 HPLC-column unit, complete according to K. W. Stahl
 39964 HPLC-glass column, empty, 15 cm, for steel jacket
 39965 HPLC-glass column, empty, 30 cm, for steel jacket
 39963 Kit of capillary connecting tubes and T connection 1/16", for steel jacket of HPLC-glass column
 39962 Kit of gaskets, for steel jacket of HPLC-glass column
 39938 HPLC-glass column length 15 cm pre-packed with silica gel 60, 0,010 mm (10 µm)
 39937 HPLC-glass column length 30 cm pre-packed with silica gel 60, 0,010 mm (10 µm)

39940 HPLC-glass column length 15 cm pre-packed with silica gel 60 C8-reverse phase, 0,010 mm (10 µm)
 39939 HPLC-glass column length 30 cm pre-packed with silica gel 60 C8-reverse phase, 0,010 mm (10 µm)
 39942 HPLC-glass column length 15 cm pre-packed with silica gel 60 C18-reverse phase, 0,010 mm (10 µm)
 39941 HPLC-glass column length 30 cm pre-packed with silica gel 60 C18-reverse phase, 0,010 mm (10 µm)
 39944 HPLC-glass column length 15 cm pre-packed with silica gel 60 CN, 0,010 mm (10 µm)

39943 HPLC-glass column length 30 cm pre-packed with silica gel 60 CN, 0,010 mm (10 µm)
 39948 HPLC-glass column length 15 cm pre-packed with silica gel 60 NH₂, 0,010 mm (10 µm)
 39947 HPLC-glass column length 30 cm pre-packed with silica gel 60 NH₂, 0,010 mm (10 µm)
 39946 HPLC-glass column length 15 cm pre-packed with silica gel 60 NO₂, 0,010 mm (10 µm)
 39945 HPLC-glass column length 30 cm pre-packed with silica gel 60 NO₂, 0,010 mm (10 µm)
 39961 Steel jacket for HPLC-glass column length 15 cm
 39960 Steel jacket for HPLC-glass column length 30 cm

4.3.3. CHROMASOLV® solvents see 3.5.

4.4. Gas-chromatography (GC)

4.4.1. Supports for GC

39554 Carbopak C 0,150—0,180 mm
 39553 Carbopak C 0,180—0,250 mm
 39500 Chromosorb® G NAW 0,180—0,250 mm
 39501 Chromosorb® G AW 0,150—0,180 mm
 39502 Chromosorb® G AW 0,180—0,250 mm
 39503 Chromosorb® G AW-DMCS 0,150—0,180 mm
 39504 Chromosorb® G AW-DMCS 0,180—0,250 mm
 39505 Chromosorb® G HP AW-DMCS 0,150—0,180 mm
 39506 Chromosorb® P NAW 0,150—0,180 mm

39507 Chromosorb® P NAW 0,180—0,250 mm
 39508 Chromosorb® P AW 0,150—0,180 mm
 39509 Chromosorb® P AW 0,180—0,250 mm
 39510 Chromosorb® P AW-DMCS 0,150—0,180 mm
 39511 Chromosorb® P AW-DMCS 0,180—0,250 mm
 39512 Chromosorb® W NAW 0,180—0,250 mm
 39513 Chromosorb® W AW 0,150—0,180 mm

39514 Chromosorb® W AW 0,180—0,250 mm
 39515 Chromosorb® W AW-DMCS 0,150—0,180 mm
 39516 Chromosorb® W AW-DMCS 0,180—0,250 mm
 39517 Chromosorb® W HP AW-DMCS 0,125—0,150 mm
 39518 Chromosorb® T 0,250—0,420 mm
 39519 Chromosorb® T 0,250—0,600 mm
 39552 Gas-Chrom® Q 0,125—0,150 mm
 39551 Gas-Chrom® Q 0,150—0,180 mm
 39550 Gas-Chrom® Q 0,180—0,250 mm

4.4.2. Separating liquid for GC

39607 Alkaterge T
 39608 Amine 220
 39609 Apiezon® grease L
 39610 Apiezon® grease M
 39611 Bentone® 34
 39616 Bis-(2-cyanoethyl)ether
 39601 Bis-(2-ethoxyethyl) adipate
 39648 Bis-(2-ethylhexyl)sebacate
 39602 1,4-Butanediol adipate
 39613 1,4-Butanediol succinate
 39617 Carbowax 400
 39618 Carbowax 1000
 39619 Carbowax 1500
 39620 Carbowax 4000
 39621 Carbowax 20000
 39622 Celanese ester No. 9
 39623 Citroflex A 4
 39624 Cyanoethyl sucrose

39673 Di-*n*-butyl tetrachlorophthalate
 39604 Diethylene glycol adipate
 39603 Diethylene glycol adipate
 39614 Diethylene glycol succinate
 39642 Dinonyl phthalate
 39682 Edenol 1800
 39626 Ethofat 60/25
 39600 Ethylene glycol adipate
 39634 Ethylene glycol isophthalate
 39649 Ethylene glycol sebacate
 39612 Ethylene glycol succinate
 39606 Ethylene glycol-bis-(2-cyanoethyl ether)
 39627 FFAP
 39628 Flexol 8 N 8
 39630 Hallcomid M 18
 39685 Hexaethylene glycol dimethyl ether

39631 1,2,3,4,5,6-Hexakis-(2-cyanoethoxy)-hexane
 39632 Hyprose SP 80
 39633 Igepal CO 990
 39635 Kel F-grease No. 10
 39636 Lutensol® AP 20
 39638 Marlophen® 87
 39605 1,5-Pentanediol adipate
 39615 1,5-Pentanediol succinate
 39644 Polypropylene glycol 425
 39645 Polypropylene glycol 1025
 39646 Polypropylene glycol 2025
 39637 1,3-Propanediol maleinate
 39647 Reoplex® 400
 39650 Silicone DC 200
 39651 Silicone DC 550
 39653 Silicone DC high vacuum grease
 39654 Silicone GE SE-30

39655	Silicone GE SE-52	39667	Silicone OV-210	39674	1,2,3-Tris-(2-cyanoethoxy)-propane
39656	Silicone GE SE-54	39668	Silicone OV-225	39675	Triton® X-305
39657	Silicone GE XE-60	39652	Silicone DC FS 1265	39641	Trixylenyl-(2,4)-phosphate
39658	Silicone OV-1	39639	Sodium caproate	39676	Ucone 50 HB-280-X
39659	Silicone OV-3	39669	Sorbitol	39677	Ucone 50 HB-2000
39660	Silicone OV-7	39683	SP 1000	39678	Ucone 50 HB-5100
39661	Silicone OV-11	39670	Span 80	39679	Ucone LB-550-X
39662	Silicone OV-17	39671	Squalane	39680	Ucone LB-1715
39663	Silicone OV-22	39672	Tetraethylene glycol dimethyl ether	39681	Versamide 900
39664	Silicone OV-25	39640	Tri- <i>p</i> -cresyl phosphate	39684	Zinc stearate
39665	Silicone OV-61				
39666	Silicone OV-101				

4.4.3. Adsorbents for GC

39520	Chromosorb® 101 0,150—0,180 mm	39528	Chromosorb® 105 0,150—0,180 mm	39543	Porapak® P 0,125—0,150 mm
39521	Chromosorb® 101 0,180—0,250 mm	39529	Chromosorb® 105 0,180—0,250 mm	39535	Porapak® P 0,150—0,180 mm
39522	Chromosorb® 102 0,150—0,180 mm	39530	Chromosorb® 106 0,150—0,180 mm	39544	Porapak® P-S 0,125—0,150 mm
39523	Chromosorb® 102 0,180—0,250 mm	39531	Chromosorb® 106 0,180—0,250 mm	39536	Porapak® P-S 0,150—0,180 mm
39524	Chromosorb® 103 0,150—0,180 mm	39532	Chromosorb® 107 0,150—0,180 mm	39545	Porapak® Q 0,125—0,150 mm
39525	Chromosorb® 103 0,180—0,250 mm	39533	Chromosorb® 107 0,180—0,250 mm	39537	Porapak® Q 0,150—0,180 mm
39526	Chromosorb® 104 0,150—0,180 mm	31814	Molecular sieve	39546	Porapak® Q-S 0,125—0,150 mm
39527	Chromosorb® 104 0,180—0,250 mm	39542	Porapak® N 0,125—0,150 mm	39538	Porapak® Q-S 0,150—0,180 mm
		39534	Porapak® N 0,150—0,180 mm	39547	Porapak® R 0,125—0,150 mm
				39539	Porapak® R 0,150—0,180 mm
				39548	Porapak® S 0,125—0,150 mm
				39540	Porapak® S 0,150—0,180 mm
				39549	Porapak® T 0,125—0,150 mm
				39541	Porapak® T 0,150—0,180 mm

4.4.4. Standard substances for GC with min. 99,9% purity

30833	Benzene	30822	Heptanone-(4)	30846	Nitromethane
30843	Butanol-(1)	32261	<i>n</i> -Hexadecane	30847	2-Nitropropane
30865	Carbon tetrachloride	32251	<i>n</i> -Hexane	32254	<i>n</i> -Nonane
30853	Chloroform	30817	Hexanone-(2)	30825	Nonanone-(3)
30854	1-Chloropropane	30819	Hexanone-(3)	30826	Nonanone-(5)
30855	2-Chloropropane	30802	Methyl butyrate	32263	<i>n</i> -Octadecane
30838	Cyclohexane	30807	Methyl caprate	32253	<i>n</i> -Octane
30839	Cyclohexanone	30805	Methyl caprylate	30823	Octanone-(2)
30840	Cyclopentane	30804	Methyl enanthate	30824	Octanone-(3)
32255	<i>n</i> -Decane	30813	Methyl ethyl ketone	30862	Pentachloroethane
30827	Decanone-(2)	30803	Methyl hexanoate	32260	<i>n</i> -Pentadecane
30828	Decanone-(3)	30809	Methyl laurate	32250	<i>n</i> -Pentane
30856	1,2-Dichloroethane	30812	Methyl linoleate	30848	Pyridine
30857	1,1-Dichloroethylene	30811	Methyl myristate	30863	1,1,2,2-Tetrachloroethane
30858	<i>trans</i> -1,2-Dichloroethylene	30850	Methyl palmitate	30864	Tetrachloroethylene
30859	Dichloromethane	30806	Methyl pelargonate	32259	<i>n</i> -Tetradecane
30860	1,2-Dichloropropane	30800	Methyl propionate	30834	Toluene
30815	Diethyl ketone	30851	Methyl stearate	30867	1,1,2-Trichloroethane
32257	<i>n</i> -Dodecane	30810	Methyl tridecanoate	30866	1,1,1-Trichloroethane
30830	2-Dodecanone	30808	Methyl undecanoate	30868	Trichloroethylene
30831	3-Dodecanone	30801	Methyl valerate	30869	1,2,3-Trichloropropane
30861	Epichlorhydrin	30818	Methyl <i>iso</i> -butyl ketone	32258	<i>n</i> -Tridecane
30844	Ethanol	30841	Methylcyclohexane	32256	<i>n</i> -Undecane
30832	Ethylbenzene	30842	Methylcyclopentane	30829	2-Undecanone
32262	<i>n</i> -Heptadecane	30845	2-Methylpentanol-(2)	30835	<i>o</i> -Xylene
32252	<i>n</i> -Heptane	30816	Methyl <i>iso</i> -propyl ketone	30836	<i>m</i> -Xylene
30820	Heptanone-(2)	30814	Methyl <i>n</i> -propyl ketone	30837	<i>p</i> -Xylene
30821	Heptanone-(3)				

4.4.5. Derivatisation reagents for GC

64315	Boron trifluoride methyl ether-complex	62358	Chlorotrimethylsilane	62638	Hexamethyldisilazane
61467	Boron trifluoride-diethyl ether-complex	33100	Dimethylthiophosphine acid chloride	61031	Trifluoroacetic anhydride
				63144	N-(Trimethylsilyl)diethylamine

5. Industrial chemicals

5.1. Chemicals of exceptional purity for special industrial applications

5.1.1. PURANAL® chemicals for the semiconductor industry

17866	Acetic acid 99—100%	17936	Ethylene glycol monomethyl ether	17955	Nitric acid/hydrofluoric acid-etching mixture
17834	Acetic acid 96%	17959	<i>n</i> -Hexane	17952	Nitric acid <i>about</i> 70%
17825	Acetone	17823	Hydrochloric acid <i>min.</i> 37%	17818	Nitric acid <i>min.</i> 65%
17814	Ammonia solution <i>min.</i> 25% NH ₃	17863	Hydrochloric acid <i>min.</i> 32%	17830	Perchloric acid 70%
17954	Ammonium fluoride/hydrofluoric acid-etching mixture	17870	Hydrofluoric acid 70%	17861	<i>ortho</i> -Phosphoric acid <i>min.</i> 85%
17884	Ammonium fluoride solution 40%	17912	Hydrofluoric acid 50%	17829	Propanol-(2)
17943	<i>n</i> -Butyl acetate	17868	Hydrofluoric acid 48%	17831	Sulphuric acid 95—97%
17852	Carbon tetrachloride	17867	Hydrofluoric acid 40%	17941	Tetrachloroethylene
17846	Chloroform	17956	Hydrofluoric acid/nitric acid/phosphoric acid-etching mixture	17864	Toluene
17847	Cyclohexane	17948	Hydrogen peroxide 30% by weight H ₂ O ₂	17949	1,1,1-Trichloroethane
17953	Dichloromethane	17824	Methanol	17940	Trichloroethylene
17833	Ethanol absolute			17865	Xylene
17947	Ethyl acetate				

5.1.2. MOS PURANAL® chemicals for MOS productions

17926	Acetic acid 99—100%, <i>particle class 0</i>	17925	Dichloromethane <i>particle class 0</i>	17938	<i>ortho</i> -Phosphoric acid <i>min.</i> 85%, <i>particle class 1</i>
17921	Acetone <i>particle class</i>	17944	Ethanol absolute <i>particle class 0</i>	17930	Propanol-(2) <i>particle class 0</i>
17922	Ammonia solution <i>min.</i> 25% NH ₃	17932	Hydrochloric acid <i>min.</i> 37%, <i>particle class 1</i>	17935	Sulphuric acid 95—97% <i>particle class 1</i>
17923	Ammonium fluoride / hydrofluoric acid-etching mixture <i>particle class 0—2</i>	17928	Hydrofluoric acid 50%, <i>particle class 0—2</i>	17942	Tetrachloroethylene <i>particle class 0</i>
17924	Ammonium fluoride solution 40%, <i>particle class 0—2</i>	17937	Hydrogen peroxide	17933	Trichloroethylene <i>particle class 0</i>
17927	<i>n</i> -Butyl acetate <i>particle class 0</i>	17929	Methanol <i>particle class 0</i>	17934	Xylene <i>particle class 0</i>
		17920	Nitric acid <i>about</i> 70%, <i>particle class 0</i>		

5.1.3. PURANAL® chemicals for special purposes

17915	Aluminium etching solution	17853	Copper(II) sulphate-5-hydrate	17806	Potassium sodium tartrate tetrahydrate
17838	Ammonium fluoride	17887	Hydrofluoric acid	17859	Sodium hydroxide
17939	Ammonium hydrogen fluoride	17910	Magnesium sulphate-7-hydrate	17816	Sodium hypophosphite-1-hydrate
17840	Ammonium <i>meta</i> -vanadate	17854	Manganese(II) acetate tetrahydrate	17903	Strontium acetate
17812	Barium acetate	17856	Manganese(II) nitrate-4-hydrate	17906	Strontium chloride-6-hydrate
17882	Barium acetate anhydride	17918	Manganese(II) nitrate-6-hydrate	17813	Strontium nitrate
17801	Barium carbonate	17860	Nickel chloride-6-hydrate	17809	Thallium(I) bromide
17802	Barium nitrate	17917	Potassium dihydrogen phosphate	17810	Thallium(I) chloride
17815	Boric acid	17851	Potassium hydroxide <i>pellets</i>	17811	Thallium(I) iodide
17905	Cadmium hydrogen phosphate-4-hydrate	17888	Potassium iodide	17919	Vanadium(V) oxide
17881	Calcium fluoride				

5.1.4. Nematic liquid crystals

36321	EBBA	36320	MBBA	36336	PEBAB
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5.1.5. UV-Absorbers for technical purposes and cosmetics

15921	UV Absorber DHB "Riedel"	15659	UV Absorber HMB "Riedel"	15936	UV Absorber HMBS "Riedel"
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5.2. Chemicals for eletroplating

01718	Cadmium fluoroborate solution 50%	12896	Copper(II) sulphate solution 13%	13653	Nickel sulphamate-4-hydrate
01729	Cadmium fluoroborate solution 50%, <i>special</i>	01525	Fluoroboric acid 32%, <i>special</i>	13652	Nickel sulphamate solution 11% Ni
12941	Cobalt(II) sulphamate solution	01544	Fluoroboric acid 50%	01551	Tin(II) fluoroborate solution 50%
04254	Copper diphosphate	01545	Fluoroboric acid 50%, <i>special</i>	01543	Tin(II) fluoroborate solution 50%, <i>special</i>
01547	Copper(II) fluoroborate solution 50%	01719	Iron(II) fluoroborate solution 42%	01550	Zinc fluoroborate solution 50%
01548	Copper(II) fluoroborate solution 50%, <i>special</i>	01502	Lead fluoroborate solution 50%	22023	8-Hydroxyquinoline sulphate-potassium sulphate
12887	Copper(II) sulphate-5-hydrate	01406	Lead(II) fluorosilicate solution 55%, <i>technical</i>	22024	8-Hydroxyquinoline-5-sulphonic acid
		11581	Lead(II) sulphamate solution 50%		
		01539	Nickel fluoroborate solution 31%		

5.3. Chemicals for the pharmaceutical industry

5.3.1. Pharmaceutical chemicals and intermediates

15036	Acetamide	04223	Calciumbis(dihydrogen phosphate), chem. pure cryst.	61283	4-Fluorobenzyl chloride, PROSYNTH®
20801	Acetone chloroform, Ph. Eur. I, B. P. 1973, Ph. Franç., U. S. P. XIX	12010	Calcium carbonate, chem. pure precipitated Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	61302	2-Fluorobiphenyl, PROSYNTH®
20900	Acetylsalicylic acid, cryst. 20/100, Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	12064	Calcium chloride-2-hydrate, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	61048	2-Fluorotoluene, PROSYNTH®
20802	Acetylsalicylic acid, cryst. 20/38, Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	12074	Calcium chloride-6-hydrate, chem. pure cryst. Erg. B. 6, Cod. Franc. 1965, Ph. Nord. 1963	01804	2-Fluorotoluene
20901	Acetylsalicylic acid, finest powder, Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	04231	Calcium hydrogen phosphate-2-hydrate, chem. pure Ph. Eur. I, Ph. Franç. IX	61049	3-Fluorotoluene, PROSYNTH®
20902	Acetylsalicylic acid, granulated DT, Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX	04408	Calcium hypophosphite, chem. pure DAC, B. P. C. 1963, N. F. X	61050	4-Fluorotoluene, PROSYNTH®
20920	Acriflavine chloride, N. F. X, Ph. Nord. 1963	15364	Calcium malonate, (water containing)	01805	4-Fluorotoluene
20921	Acriflavine hydrochloride, B. P. C. 1963, N. F. X	04238	tri-Calcium phosphate, chem. pure B. P. C. 1973	20817	GELETOL®, (Formaldehyde gelatine) (hardened gelatine for the quicker disintegration of tablets)
11016	Aluminium chloride-6-hydrate, chem. pure cryst. N. F. XIV, Reag. DAB 8	12056	Calcium sulphate-2-hydrate, pure	15171	Guaiazulene, 50% (dissolved in paraffin viscid)
11044	Aluminium sulphate-18-hydrate, chem. pure cryst. Ph. Eur. I, B.P.C. 1973, Ph. Franç. IX, U.S.P. XVII	18004	Charcoal wood, powder	15170	Guaiazulene, 100% pure cryst. 100%
11204	Ammonium carbonate, chem. pure powder DAB 6, N. F. XIV	61394	2-Chloro-6-fluorobenzaldehyde, PROSYNTH®	15172	Guaiazulene, 25% soluble in water (dissolved in Cremophor® EL)
11209	Ammonium chloride, chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franç. IX, N. F. XIV	61393	2-Chloro-6-fluorobenzyl chloride, PROSYNTH®	20818	4-Hexylresorcinol, (4-Hexylresorcin) N. F. XIV
11213	Ammonium hydrogen carbonate, chem. pure crystalline powder B. P. C. 1973	61054	2-Chloro-6-fluorotoluene, PROSYNTH®	03206	Hydriodic acid
04211	di-Ammonium hydrogen phosphate, chem. pure cryst. Erg. B. 6	01806	2-Chloro-6-fluorotoluene	22019	8-Hydroxyquinoline
03101	Ammonium iodide, chem. pure	61052	4-Chloro-2-fluorotoluene, PROSYNTH®	22060	8-Hydroxyquinoline benzoate
12303	Ammonium iron(III) sulphate, Erg. B. 6	22069	5-Chloro-8-hydroxyquinoline	22020	8-Hydroxyquinoline hydrochloride
25403	Ammonium oxalate, chem. pure cryst. Erg. B. 6	22006	5-Chloro-7-iodo-8-hydroxyquinoline, U. S. P. XVI	22022	8-Hydroxyquinoline sulphate, Ph. Ned. VI
11222	Ammonium peroxodisulphate, pure Erg. B. 6	22090	5-Chloro-7-iodo-8-hydroxyquinoline, U.S.P. XVIII	04420	Hypophosphorous acid, 30% chem. pure B. P. C. 1963, N. F. XIV
20925	B-4-amino-quinoline urea, [1,3-Bis-(4-amino-2-methylquinoline-6-yl)-urea dihydrochloride]	12235	Chromium(VI) oxide, chem. pure DAC, B. P. C. 1968, N. F. X	04423	Hypophosphorous acid, 60% pure
02103	Barium bromide-2-hydrate	12849	Copper(II) sulphate-5-hydrate, chem. pure cryst. B. P. C. 1973, N. F. XIV	04422	Hypophosphorous acid, 50% pure
11411	Barium chloride-2-hydrate, chem. pure cryst.	20305	Dehydrocholic acid, U. S. P. XVI, O.A.B. 9	03002	Iodine, Ph. Eur. I, B. P. 1973, Ph. Franç. IX, U. S. P. XIX
62160	Bromoacetaldehyde diethyl acetal, PROSYNTH®	20303	Deoxycholic acid, chem. pure	03801	Iodoethane, 99—100% Erg. B. 6 with silver foil stabilized
02874	Bromoacetaldehyde diethyl acetal	61203	Dibromofluorobenzene, PROSYNTH®	22012	7-Iodo-8-hydroxyquinoline-5-sulphonic acid
62165	Bromoacetyl bromide, PROSYNTH®	22055	5,7-Dibromo-8-hydroxyquinoline	03810	Iodomethane, with silver foil stabilized
02877	Bromoacetyl bromide	62460	1,3-Dibromopropane, PROSYNTH®	12312	Iron, chem. pure made by reduction
64666	Bromoacetyl chloride, PROSYNTH®	22067	5,7-Dichloro-8-hydroxyquinoline	04240	Iron phosphate, Erg. B. 6, B. P. C. 1973
02868	Bromoacetyl chloride	20616	Diethyl di- <i>n</i> -butylmalonate	12405	Iron(II) fumarate
02808	1-Bromobutane	22008	5,7-Diiodo-8-hydroxyquinoline, B. P. 1973, U. S. P. XVIII	04410	Iron(III) hypophosphite, chem. pure B. P. C. 1963
22003	7-Bromo-5-chloro-8-hydroxyquinoline	22070	4-Dimethylamino-1-phenyl-2,3-dimethylpyrazolone-(5) + 8-Hydroxyquinoline-5-sulphonic acid	25428	Iron(II) oxalate
62192	1-Bromo-3-chloropropane, PROSYNTH®	61268	2-Fluorobenzaldehyde, PROSYNTH®	04241	Iron(III) phosphate, powder Erg. B. 6
15391	1-Bromo-3-chloropropane	61270	4-Fluorobenzaldehyde, PROSYNTH®	12357	Iron(III) sulphate, chem. pure
61047	4-Bromofluorobenzene, PROSYNTH®	61044	Fluorobenzene, PROSYNTH®	12353	Iron(II) sulphate, exsiccated pure DAB 6, B. P. 1973
01807	4-Bromofluorobenzene	01801	Fluorobenzene	12354	Iron(II) sulphate-7-hydrate, pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franç. IX
62204	1-Bromohexane, PROSYNTH®	61207	2-Fluorobenzoic acid, PROSYNTH®	12352	Iron(II) sulphate-7-hydrate, pure cryst. U. S. P. XIX
02870	1-Bromohexane, min. 99%	01808	2-Fluorobenzoic acid	73020	Juniper tar
62214	4-Bromophenol, PROSYNTH®	61208	3-Fluorobenzoic acid, PROSYNTH®	18616	Kaolin, heavy powder Ph. Eur. I, B.P. 1973, Ph. Franç. IX
15271	4-Bromophenol	61275	4-Fluorobenzoic acid, PROSYNTH®	11504	Lead acetate trihydrate, chem. pure cryst. B. P. C. 1973, N. F. X
60079	2-Bromopropane, PROSYNTH®	01809	4-Fluorobenzoic acid	13007	Lithium benzoate, pure Erg. B. 6
02824	2-Bromopropane, technical	61280	4-Fluorobenzophenone, PROSYNTH®	02118	Magnesium bromide-6-hydrate, pure
02804	3-Bromopropene	61282	2-Fluorobenzyl chloride, PROSYNTH®	13174	Magnesium chloride-2-hydrate, chem. pure powder
25012	Calcium acetate, pure			13124	Magnesium chloride-6-hydrate, chem. pure cryst. Ph. Eur. I
				13151	Magnesium chloride-6-hydrate, chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franç. IX, Ph. Nord. 1963

20324	Magnesium dehydrocholate, for ampoules	12637	Potassium chloride, chem. pure powder Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX, Ph. Nord. 1963	20365	Sodium deoxycholate, chem. pure
20312	Magnesium dehydrocholate, for tablets	12249	Potassium chromate, chem. pure Erg. B. 6	04269	Sodium dihydrogen phosphate-2-hydrate, chem. pure cryst. DAB 8, B. P. 1973
04260	Magnesium hydrogen phosphate-3-hydrate, pure Erg. B. 6	04243	Potassium dihydrogen phosphate, chem. pure DAC, cryst.	04284	<i>tetra</i> -Sodium diphosphate-10-hydrate, chem. pure cryst. Erg. B. 6
13117	Magnesium hydroxide carbonate, pure light powder, Ph. Eur. I, B. P. 1973, Ph. Franc. IX	04244	Potassium dihydrogen phosphate, chem. pure DAC powder	01148	Sodium fluoride, chem. pure, DAC, B. P. 1973, U. S. P. XIX
04413	Magnesium hypophosphite, pure	12602	Potassium hydrogen carbonate, chem. pure cryst. DAB 8, B. P. C. 1973	13433	Sodium hydrogen carbonate, chem. pure powder, Ph. Eur. I, B. P. 1973, Ph. Franc, IX
20709	Magnesium nicotinate, for tablets	04248	<i>di</i> -Potassium hydrogen phosphate, chem. pure DAC, B. P. C. 1949, N. F. XII	04274	<i>di</i> -Sodium hydrogen phosphate-7-hydrate, chem. pure Erg. B. 6, U. S. P. XIX
13129	Magnesium nitrate-6-hydrate, chem. pure	04411	Potassium hypophosphite, chem. pure Erg. B. 6, B. P. C. 1963	04272	<i>di</i> -Sodium hydrogen phosphate-2-hydrate, chem. pure Ph. Belg. V., Ph. Nord. 1963
13173	Magnesium sulphate, chem. pure dried B. P. 1973	03124	Potassium iodide, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc. IX, U. S. P. XIX	04273	<i>di</i> -Sodium hydrogen phosphate-12-hydrate, (19-20% P ₂ O ₅) chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franc, IX
13143	Magnesium sulphate, chem. pure dried DAB 7	12648	Potassium nitrate, chem. pure cryst. DAB 6, B. P. 1973, N. F. XI	04434	Sodium hypophosphite, chem. pure B. P. C. 1963
13142	Magnesium sulphate-7-hydrate, chem. pure cryst., Ph. Eur. I, dried B. P. 1973	25413	Potassium oxalate monohydrate, chem. pure Erg. B. 6	04415	Sodium hypophosphite-1-hydrate, chem. pure DAC, N. F. X
27712	Malonic acid, pure	12658	Potassium sulphate	03129	Sodium iodide, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc. IX, U. S. P. XIX
04414	Manganese(II) hypophosphite-1-hydrate, Erg. B. 6, B. P. C. 1963	12659	Potassium sulphate, chem. pure fine powder B. P. C. 1949	25309	Sodium lactate solution, 50%, DAB 8
13227	Manganese(II) lactate trihydrate, pure Erg. B. 6	20923	Procaine A, Ph. Eur. I, B. P. 1973, Ph. Franc. IX	13444	Sodium nitrate, chem. pure cryst.
22071	5-Nitro-8-hydroxyquinoline	20922	Procaine P, Ph. Eur. I, B. P. 1973, Ph. Franc. IX	13447	Sodium nitrite, chem. pure cryst. DAB 8, B. P. C. 1973, U. S. P. XIX
24245	Oil of turpentine, rectified DAB 8	20927	Proflavine hemisulphate, B. P. 1968, B. P. C. 1968	13464	Sodium sulphate, exsiccated chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franc, IX
20824	Phenacetin, cryst. Ph. Eur. I, B. P. 1973, Ph. Franc. IX	20926	Proflavine monohydrochloride	13479	Sodium thiosulphate-5-hydrate, chem. pure cryst. Ph. Eur. I
20825	Phenacetin, powder Ph. Eur. I, B. P. 1973, Ph. Franc. IX	20139	<i>iso</i> -Propyl- β -bromallylbarbituric acid, DAB 7	02125	Strontium bromide-6-hydrate, chem. pure N. F. X
20827	2-Phenylbutyramide	23001	Pyrocatechol, chem. pure	13909	Strontium chloride-6-hydrate, chem. pure cryst. Erg. B. 6
27737	2-Phenylbutyric acid, pure	16157	Resorcinol monoacetate, N. F. XIV	13923	Strontium sulphide, 60% SrS, pure fine powder
16539	2-Phenylbutyryl chloride	25062	Sodium acetate trihydrate, DAB 6	20924	Tetracaine hydrochloride, Ph. Eur. I, B. P. 1973, Ph. Franc. IX
04107	<i>ortho</i> -Phosphoric acid, 85%, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, N. F. XIV	13418	Sodium carbonate, chem. pure anhydrous B. P. C. 1968	01160	Tin(II) fluoride, chem. pure
25063	Potassium acetate, cryst., for fabrication of penicillin	13414	Sodium carbonate-10-hydrate, chem. pure Ph. Eur. I, B. P. C. 1973, Ph. Franc, IX	25044	Zinc acetate dihydrate, pure cryst. Erg. B. 6
25059	Potassium acetate, powder for fabrication of penicillin	13568	Sodium carbonate-1-hydrate, chem. pure Ph. Eur. I, Ph. Franc, IX	14455	Zinc sulphate-7-hydrate, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX
12623	Potassium aluminium sulphate-12-hydrate, chem. pure crystalline powder Ph. Eur. I, B. P. 1973, Ph. Franc, IX	13541	Sodium chloride, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX		
12611	Potassium carbonate, pure granulated DAB 6	13423	Sodium chloride, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX		
12634	Potassium chlorate, chem. pure cryst. DAB 6, B. P. C. 1973, N. F. X				
12636	Potassium chloride, chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX, Ph. Nord. 1963				

5.3.2. Chemicals for hemodialysis

12064	Calcium chloride-2-hydrate, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX	25014	Potassium acetate, chem. pure, DAC, B. P. 1973, U. S. P. XIX	25022	Sodium acetate trihydrate, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc. IX, U.S.P. XIX
13124	Magnesium chloride-6-hydrate, chem. pure cryst. Ph. Eur. I	12636	Potassium chloride, chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX, Ph. Nord. 1963	25062	Sodium acetate trihydrate, DAB 6
13151	Magnesium chloride-6-hydrate, chem. pure cryst., Ph. Eur. I, B. P. 1973, Ph. Franc. IX, Ph. Nord. 1963				

5.4. Catalysts, catalyst raw materials and stabilizers

11023	Aluminium nitrate-9-hydrate, chem. pure cryst.	11115	Antimony(III) oxide, chem. pure	23194	4- <i>tert</i> .-Butylpyrocatechol, contg. 15% water, liquid
11024	Aluminium nitrate-9-hydrate, technical cryst.	31122	Antimony(III) oxide, R. G.	23193	4- <i>tert</i> .-Butylpyrocatechol, technical (crystalline solid) (<i>crystalline solid</i>)
25007	Ammonium acetate, technical	02882	N-Benzyl-N,N,N-trimethylammonium bromide	12040	Calcium nitrate-4-hydrate, chem. pure
31153	Ammonium <i>meta</i> -vanadate, R. G., Reag. Ph. Eur. I	62168	2-Bromoethylammonium bromide, PROSYNTH®	12232	Chromium(III) nitrate-9-hydrate, pure cryst.
11111	Antimony(V) chloride	23195	4- <i>tert</i> .-Butylpyrocatechol, contg. 15% methanol, liquid		
11106	Antimony(III) chloride, pure lumps				

12827	Copper(II) chloride-2-hydrate, technical	12358	Iron(III) sulphate, exsiccated, technical	25017	Potassium acetate, pure
12839	Copper(II) nitrate-3-hydrate, chem. pure	13129	Magnesium nitrate-6-hydrate, chem. pure	11620	Potassium tetraborate-4-hydrate
12837	Copper(II) nitrate-3-hydrate, pure	13131	Magnesium nitrate-6-hydrate, pure	02883	N-Tetradecyl-N,N,N-trimethylammonium bromide
15084	Dimethyldodecylethylammonium bromide	13259	Manganese oxide hydrated, technical for PVC-stabilization	65169	Tetraethylammonium bromide, PROSYNTH®
02884	Dimethylethylhexadecylammonium bromide	17854	Manganese(II) acetate tetrahydrate, PURANAL®	16268	Tetraethylammonium hydroxide solution, 40% in water
65015	N-Hexadecyl-N,N,N-trimethylammonium bromide, PROSYNTH®	13286	Manganese(II) acetate tetrahydrate, chem. pure	16262	Tetraethylammonium hydroxide solution, 20% in water
04429	Hypophosphorous acid, 50% technical	04414	Manganese(II) hypophosphite-1-hydrate, Erg. B. 6, B. P. C. 1963	17919	Vanadium(V) oxide, PURANAL®
12335	Iron(III) nitrate-9-hydrate, chem. pure cryst.	25014	Potassium acetate, chem. pure, DAC, B. P. 1973, U. S. P. XIX	14205	Vanadium(V) oxide, pure
12336	Iron(III) nitrate-9-hydrate, cryst.			25044	Zinc acetate dihydrate, pure cryst. Erg. B. 6
				14436	Zinc nitrate-6-hydrate, pure cryst.

5.5. Curing agents for sealants

11463	Barium oxide, powder	11567	Lead(IV) oxide, standardised for Thiokol® hardening HC 3	13207	Manganese(IV) oxide, for Thiokol® hardening FA
11428	Barium peroxide, powder, min. 95 % BaO ₂	11570	Lead(IV) oxide, standardised for Thiokol® hardening HC 6	13919	Strontium peroxide, min. 85% SrO ₂
12107	Calcium peroxide, for Thiokol® hardening abt. 60% CaO ₂	13201	Manganese(IV) oxide G	14460	Zinc peroxide, about 65% ZnO ₂
11565	Lead(IV) oxide, standardised for Thiokol® hardening HC 1	13291	Manganese(IV) oxide, for Thiokol® hardening C		

5.6. Additives for the food industry

25011	Calcium acetate, chem. pure	70020	Ethylvanillin, N. F. XIV	12602	Potassium hydrogen carbonate, chem. pure cryst. DAB 8, B. P. C. 1973
25012	Calcium acetate, pure	12636	Potassium chloride, chem. pure cryst. Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX, Ph. Nord. 1963	65022	Hydroxyacetone, 50% in water PROSYNTH®
12074	Calcium chloride-6-hydrate, chem. pure cryst. Erg. B. 6, Cod. Franc, 1965, Ph. Nord. 1963				
12064	Calcium chloride-2-hydrate, chem. pure Ph. Eur. I, B. P. 1973, Ph. Franc, IX, U. S. P. XIX				

Periodic table of the elements

The Weights in parentheses () are mass molare of the most stable or best-known isotopes

Peri- od	I a b	II a b	III a b	IV a b	V a b	VI a b	VII a b	VIII	0
I	1 H 1,0079								2 He 4,00260
II	3 Li 6,9401	4 Be 9,01218	5 B 10,81	6 C 12,011	7 N 14,0067	8 O 15,9994	9 F 18,99840		10 Ne 20,179
III	11 Na 22,98977	12 Mg 24,305	13 Al 26,98154	14 Si 28,0855	15 P 30,97376	16 S 32,0655	17 Cl 35,453		18 Ar 39,948
IV	19 K 39,0983 29 Cu 63,546	20 Ca 40,08 30 Zn 65,38	21 Sc 44,9559 31 Ga 69,72	22 Ti 47,90 32 Ge 72,59	23 V 50,9414 33 As 74,9216	24 Cr 51,996 34 Se 78,96	25 Mn 54,9380 35 Br 79,904	26 Fe 55,847 27 Co 58,9332 28 Ni 58,70	36 Kr 83,80
V	37 Rb 85,4678 47 Ag 107,868	38 Sr 87,62 48 Cd 112,41	39 Y 88,9059 49 In 114,82	40 Zr 91,22 50 Sn 118,69	41 Nb 92,9064 51 Sb 121,75	42 Mo 95,94 52 Te 127,60	43 Tc (97) 53 J 126,9045	44 Ru 101,07 45 Rh 102,9055 46 Pd 106,4	43 Xe 131,30
VI	55 Cs 132,9054 79 Au 196,9665	56 Ba 137,33 80 Hg 200,59	57-71 Lanthanum 81 Tl 204,37	72 Hf 178,49 82 Pb 207,2	73 Ta 180,9479 83 Bi 208,9804	74 W 183,85 84 Po (209)	75 Re 186,207 85 At (210)	76 Os 190,2 77 Ir 192,22 78 Pt 195,09	86 Rn (222)
VII	87 Fr (223)	88 Ra 226,0254	89-103 Actinium						

Lantha-

nides

57-71	57 La 138,9055	58 Ce 140,12	59 Pr 140,9077	60 Nd 144,24	61 Pm (145)	62 Sm 150,4	63 Eu 151,96	64 Gd 157,25	65 Tb 158,9254	66 Dy 162,50	67 Ho 164,9304	68 Er 167,26	69 Tm 168,9342	70 Yb 173,04	71 Lu 174,97
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Actinides

89-103	89 Ac (227)	90 Th 232,0381	91 Pa 231,0359	92 U 238,029	93 Np 237,0482	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (254)	100 Fm (257)	101 Md (258)	102 No (255)	103 Lr (260)
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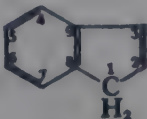

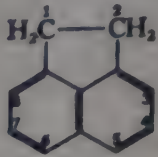

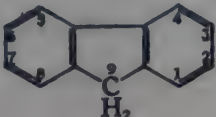
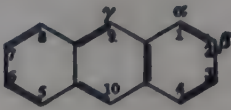

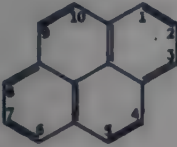
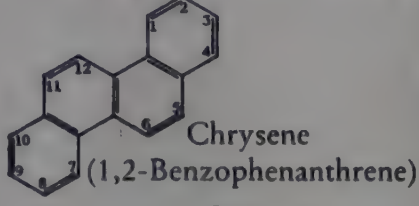
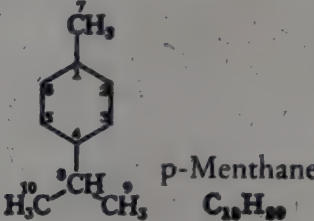

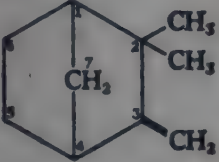
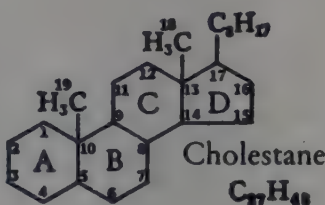





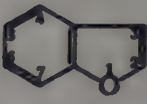
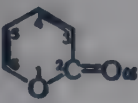


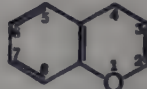
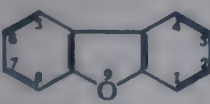
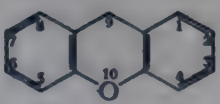






Survey of inorganic compounds





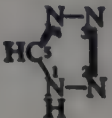
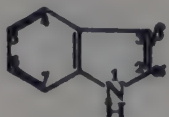
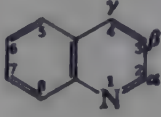

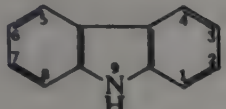
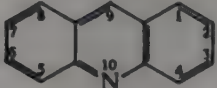
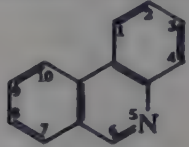

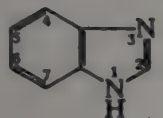
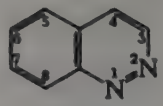
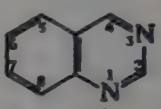
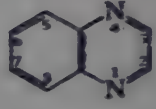
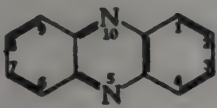
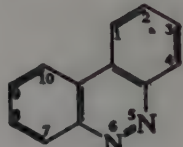
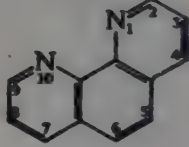
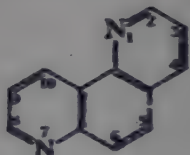
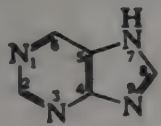



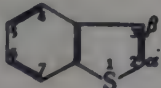
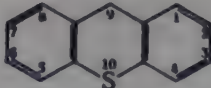




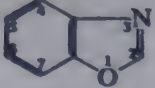
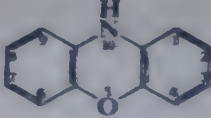
The formulae stated indicate that the products concerned are sold by Riedel-de Haën as pure substances or as solutions. For further inorganic compounds not listed here and details of the products mentioned please turn to the alphabetically arranged section.

Element	Oxide Peroxide Hydroxide	Fluoride	Chloride	Bromide	Iodide	Sulphate	Nitrate
Aluminium	Al ₂ O ₃ /Al(OH) ₃	AlF ₃	AlCl ₃			Al ₂ (SO ₄) ₃	Al(NO ₃) ₃
Ammonium	ND ₃ · D ₂ O/NH ₃ · H ₂ O	NH ₄ F/NH ₄ HF ₂	ND ₄ Cl/NH ₄ Cl	NH ₄ Br	NH ₄ I	(NH ₄) ₂ SO ₄	NH ₄ NO ₃
Antimony	Sb ₂ O ₃ /Sb ₂ O ₄ /Sb ₂ O ₅	SbF ₃	SbCl ₃ SbCl ₅				
Arsenic	As ₂ O ₃ /3As ₂ O ₅ · 5H ₂ O		AsCl ₃				
Barium	BaO/BaO ₂ /Ba(OH) ₂	BaF	BaCl ₂	BaBr ₂		BaSO ₄	Ba(NO ₃) ₂
Beryllium	BeO	BeF ₂	BeCl ₂				Be(NO ₃) ₂
Bismuth	Bi ₂ O ₃		BiCl ₂				Bi(NO ₃) ₃
Boron	B ₂ O ₃		BCl ₃	BBr ₃	BI ₃		
Bromine							
Cadmium	CdO		CdCl ₂	CdBr ₂	CdI ₂	CdSO ₄	Cd(NO ₃) ₂
Calcium	CaO/Ca(OH) ₂	CaF ₂	CaCl ₂	CaBr ₂	CaI ₂	CaSO ₄	Ca(NO ₃) ₂
Cerium	CeO ₂	CeF ₃	CeCl ₃			Ce ₂ (SO ₄) ₃ /Ce(SO ₄) ₂	Ce(NO ₃) ₃
Cesium		CsF	CsCl	CsBr	CsI	Cs ₂ SO ₄	CsNO ₃
Chlorine					ICI/ICl ₃		
Chromium	Cr ₂ O ₃ /CrO ₃	CrF ₂ /CrF ₃	CrCl ₃			Cr ₄ (SO ₄) ₅ (OH) ₂	Cr(NO ₃) ₃
Cobalt		CoF ₂ /CoF ₃	CoCl ₂			CoSO ₄	Co(NO ₃) ₂
Copper	Cu ₂ O/CuO	CuF ₂	CuCl/CuCl ₂	CuBr/CuBr ₂	CuI	CuSO ₄	Cu(NO ₃) ₂
Dysprosium	Dy ₂ O ₃	DyF ₃	DyCl ₃				
Erbium	Er ₂ O ₃	ErF ₃					Er(NO ₃) ₃
Europium	Eu ₂ O ₃	EuF ₃					Eu(NO ₃) ₃
Gadolinium	Gd ₂ O ₃						Gd(NO ₃) ₃
Gallium	Ga ₂ O ₃		GaCl ₃				Ga(NO ₃) ₃
Germanium	GeO ₂		GeCl ₄				
Hafnium	HfO ₂						
Holmium	Ho ₂ O ₃	HoF ₃	HoCl ₃				
Hydrogen	H ₂ O ₂	HF	HCl	HBr	HI	H ₂ SO ₄	HNO ₃
Indium	In ₂ O ₃		InCl ₃	InBr ₃		In ₂ (SO ₄) ₃	In(NO ₃) ₃
Iodine	I ₂ O ₅		ICI/ICl ₃	IBr			
Iridium			IrCl ₃				
Iron	Fe ₂ O ₃	FeF ₃	FeCl ₂ /FeCl ₃			FeSO ₄ /Fe ₂ (SO ₄) ₃	Fe(NO ₃) ₃
							La(NO ₃) ₃

Element	Oxide Peroxide Hydroxide	Fluoride	Chloride	Bromide	Iodide	Sulphate	Nitrate
Lanthanum	La ₂ O ₃	LaF ₃	LaCl ₃			PbSO ₄	Pb(NO ₃) ₂
Lead	PbO/PbO ₂ /Pb ₃ O ₄	PbF ₂	PbCl ₂			Li ₂ SO ₄	LiNO ₃
Lithium	LiOH	LiF	LiCl	LiBr			
Lutetium	Lu ₂ O ₃	LuF ₃					
Magnesium	MgO/MgO ₂	MgF ₂	MgCl ₂	MgBr ₂		MgSO ₄	Mg(NO ₃) ₂
Manganese	MnO ₂	MnF ₂	MnCl ₂			MnSO ₄	Mn(NO ₃) ₂
Molybdenum	MoO ₃		MoCl ₅				
Neodymium	NdO ₃	NdF ₃					Nd(NO ₃) ₃
Nickel	Ni ₂ O ₃	NiF ₂	NiCl ₂			NiSO ₄	Ni(NO ₃) ₂
Niobium		NbF ₅	NbCl ₅				
Osmium	OsO ₄						
Palladium			PdCl ₂				
Phosphorus	P ₂ O ₅		PCl ₃ /PCl ₅ /POCl ₃	PBr ₃			
Platinum	PtO ₂		PtCl ₂ /PtCl ₄				
Potassium	KOH	KF/KHF ₂	KCl	KBr	KI	KHSO ₄ /K ₂ SO ₄	KNO ₃
Praseodymium	Pr ₆ O ₁₁	PrF ₃					Pr(NO ₃) ₃
Mercury	HgO		Hg ₂ Cl ₂ /HgCl ₂	HgBr ₂	HgI ₂	Hg ₂ SO ₄ /HgSO ₄	Hg ₂ (NO ₃) ₂
Rhenium	Re ₂ O ₇						
Rhodium	Rh ₂ O ₃		RhCl ₃				
Rubidium		RbF	RbCl				
Ruthenium	RuO ₂		RuCl ₃				
Samarium	Sm ₂ O ₃	SmF ₃					Sm(NO ₃) ₃
Scandium							
Selenium							
Silver	Ag ₂ O	AgF ₂	SeCl ₄	AgBr	AgI	Ag ₂ SO ₄	AgNO ₃
Silicium	SiO ₂		AgCl				
Sodium	NaOH/NaOH	NaF/NaHF ₂	SiCl ₄				
Strontium	SrO ₂ /Sr(OH) ₂	SrF ₂	NaCl	NaBr	NaI	NaHSO ₄ /Na ₂ SO ₄	NaNO ₃
Sulphur	SO ₂		SrCl ₂	SrBr ₂		SrSO ₄	Sr(NO ₃) ₂
Tantalum	Ta ₂ O ₅	TaF ₅	S ₂ Cl ₂				
Tellurium	TeO ₂		TaCl ₅				
Terbium	Tb ₄ O ₇	TbF ₃					
Thallium	Tl ₂ O ₃		TbCl ₃				
Thorium	ThO ₂		TlCl	TlBr	TlI	Tl ₂ SO ₄	TlNO ₃
Thulium	Tm ₂ O ₃	TmF ₃					Th(NO ₃)
Tin	SnO/SnO ₂	SnF ₂	SnCl ₂ SnCl ₄				
Titanium	TiO ₂	TiF ₃ /TiF ₄	TiCl ₃ /TiCl ₄			SnSO ₄	
Tungsten	WO ₃		WCl ₆			TiOSO ₄	
Vanadium	V ₂ O ₅	VF ₃	VCl ₃ /VOCl ₃				
Deuterium	D ₂ O		DCI			D ₂ SO ₄	DNO ₃
Ytterbium	Yb ₂ O ₃	YbF ₃	YbCl ₃				
Yttrium	Y ₂ O ₃	YF ₃	YCl ₃				Y(NO ₃) ₃
Zinc	ZnO/ZnO ₂	ZnF ₂	ZnCl ₂	ZnBr ₂	ZnI ₂	ZnSO ₄	Zn(NO ₃) ₂
Zirconium	ZrO ₂	ZrF ₄	ZrOCl ₂			Zr(SO ₄) ₂	

Formulae of ring compounds

 <p>Toluene C_7H_8</p>	 <p>Indene C_9H_8</p>	 <p>Naphthalene $C_{10}H_8$</p>	 <p>Acenaphthene $C_{12}H_{10}$</p>
 <p>Biphenyl $C_{12}H_{10}$</p>	 <p>Fluorene $C_{13}H_{10}$</p>	 <p>Anthracene $C_{14}H_{10}$</p>	 <p>Phenanthrene $C_{14}H_{10}$</p>
 <p>Pyrene $C_{16}H_{10}$</p>	 <p>Chrysene (1,2-Benzophenanthrene) $C_{18}H_{12}$</p>	 <p>p-Menthane $C_{10}H_{20}$</p>	 <p>Azulene $C_{10}H_8$</p>
 <p>Camphene $C_{10}H_{16}$</p>	 <p>Cholestane $C_{27}H_{48}$</p>	 <p>Furan C_4H_4O</p>	 <p>1,2-Pyran $C_4H_4O_2$</p>
 <p>1,4-Pyran $C_4H_4O_2$</p>	 <p>1,3-Dioxan $C_4H_8O_2$</p>	 <p>1,4-Dioxan $C_4H_8O_2$</p>	 <p>Cumarone C_9H_8O</p>
 <p>α-Pyrone Cumaline $C_6H_4O_2$</p>	 <p>γ-Pyrone $C_6H_4O_2$</p>	 <p>1,2-Chromene $C_{10}H_8O$</p>	 <p>1,4-Chromene $C_{10}H_8O$</p>
 <p>Diphenyl oxide $C_{12}H_{10}O$</p>	 <p>Xanthene $C_{15}H_{10}O$</p>	 <p>Pyrrole C_4H_5N</p>	 <p>Pyrazole $C_3H_4N_2$</p>
 <p>Imidazole (Glyoxaline) $C_3H_4N_2$</p>	 <p>1,2,3-Triazole $C_3H_3N_3$</p>	 <p>1,2,4-Triazole $C_3H_3N_3$</p>	 <p>Pyridine C_5H_5N</p>

 <p>Pyridazine $C_4H_4N_2$</p>	 <p>Pyrimidine $C_4H_4N_2$</p>	 <p>Pyrazine $C_4H_4N_2$</p>	 <p>1,2,4-Triazine $C_3H_3N_3$</p>
 <p>1,2,3,4-Tetrazole or 1,2,3,5 resp.</p>	 <p>Indole C_8H_7N</p>	 <p>Quinoline C_8H_7N</p>	 <p>Isoquinoline C_8H_7N</p>
 <p>Carbazole $C_{12}H_9N$</p>	 <p>Acridine $C_{13}H_9N$</p>	 <p>Phenanthridine Benzo[c]quinoline $C_{13}H_9N$</p>	 <p>Indazole $C_7H_5N_2$</p>
 <p>Benzimidazole $C_7H_7N_2$</p>	 <p>Cinnoline 1,2-Benzodiazine $C_8H_6N_2$</p>	 <p>Quinoxaline 1,3-Benzodiazine $C_8H_6N_2$</p>	 <p>Quinoxaline 1,4-Benzodiazine $C_8H_6N_2$</p>
 <p>Phenazine Dibenzopyrazine $C_{12}H_8N_2$</p>	 <p>Benzo[c]cinnoline (Phenazone) $C_{12}H_8N_2$</p>	 <p>1,10-Phenanthroline o-Phenanthroline $C_{12}H_8N_2$</p>	 <p>1,7-Phenanthroline $C_{12}H_8N_2$</p>
 <p>Purine $C_5H_4N_4$</p>	 <p>Thiophen C_4H_4S</p>	 <p>1,2-Thiopyrane C_5H_4S</p>	 <p>1,4-Thiopyrane C_5H_4S</p>
 <p>Thionaphthene C_8H_6S</p>	 <p>Thioxanthene $C_{12}H_8S$</p>	 <p>Isoxazole C_3H_3ON</p>	 <p>Oxazole C_3H_3ON</p>
 <p>Isothiazole C_3H_3NS</p>	 <p>Thiazole C_3H_3NS</p>	 <p>Benzoxazole C_7H_5ON</p>	 <p>Phenoxazine $C_{12}H_9ON$</p>

Empirical formulae index of organic compounds

CBrCl₃
Bromotrichloromethane

CBrN
Cyanogen bromide

CB₄
Carbon tetrabromide

CCINO₃S
Chlorosulphonyl *iso*-cyanate

CCl₂S
Thiophosgene

CCl₃NO₂
Trichloronitromethane

CCl₄
Carbon tetrachloride

CCl₄O₂S
Trichloromethanesulphonyl chloride

CCl₄S
Trichloromethanesulphenyl chloride

CDBr₃
Bromoform-d

CDCl₃
Chloroform-d

CD₂O
Formaldehyde-d₂ solution

(CD₂O)_x
Paraformaldehyde-d_x

CD₃Br
Methyl bromide-d₃

CD₃J
Methyl iodide-d₃

CD₃NO₂
Nitromethane-d₃

CD₄O
Methanol-d₄

CHBrCl₂
Bromodichloromethane

CHBr₃
Bromoform

CHCl₃
Chloroform

CHD₃O
Methanol-d₃

CHF₃O₃S
Trifluoromethanesulphonic acid

CHNaO₂
Sodium formate

CH₂BrCl
Bromochloromethane

CH₂Br₂
Dibromomethane

CH₂Cl₂
Dichloromethane

CH₂J₂
Diiodomethane

CH₂N₂
Cyanamide solution

CH₂O
Formaldehyde solution

(CH₂O)_x
Paraformaldehyde

CH₂O₂
Formic acid

CH₃Br
Bromomethane

CH₃ClD₃N
Methylammonium chloride-d₃

CH₃ClO₂S
Methanesulphonyl chloride

CH₃Cl₂OP
Methanephosphonic acid dichloride

CH₃Cl₂PS
Methanethiophosphonic acid dichloride

CH₃DO
Methanol-d₁

CH₃FO₃S
Methyl fluorosulphonate

CH₃J
Iodomethane

CH₃NO
Formaldoxime
Formamide

CH₃NO₂
Nitromethane

CH₃N₅ · H₂O
5-Aminotetrazole monohydrate

CH₃NaO
Sodium methylate

CH₄Cl₂N₂
Chloroformamidinium chloride

CH₄Cl₂Si
Methyldichlorosilane

CH₄N₂O
Urea

CH₄N₂S
Thiourea

CH₄N₂Se
Selenourea

CH₄O
Methanol

CH₄O₃S
Methanesulphonic acid

CH₅N
Methylamine solution

CH₅NO₂
Ammonium formate

CH₅N₃O₄
Urea nitrate

CH₅N₃S
Thiosemicarbazide

CH₅O₃P
Methanephosphonic acid

CH₆CIN
Methylammonium chloride

CH₆CIN₃
Guanidinium chloride

CH₆CIN₃O
Semicarbazide hydrochloride

CH₆N₂
Methylhydrazine

CH₆N₂O₂
Ammonium carbamate

CH₆N₄O
Carbohydrazide

CH₆N₄O₃
Guanidinium nitrate

CH₈Cl₂N₂
Methylenediamine dihydrochloride

CJ₄
Tetraiodomethane

C₂AgF₃O₂
Silver trifluoroacetate

C₂Br₂Cl₄
1,2-Dibromotetrachloroethane

C₂Br₂F₄
1,2-Dibromotetrafluoroethane

C₂CINO₂
Chlorocarbonyl *iso*-cyanate

C₂Cl₂O₂
Oxalyl chloride

C₂Cl₃F₃
1,1,2-Trichlorotrifluoroethane

C₂Cl₃N
Trichloroacetonitrile

C₂Cl₃NaO₂
TCA

C₂Cl₄
Tetrachloroethylene

C₂Cl₄D₂
1,1,2,2-Tetrachloroethane-d₂

C₂Cl₄O
Trichloroacetyl chloride

C₂Cl₆
Hexachloroethane

C₂DF₃O₂
Trifluoroacetic acid-d

C₂D₃F₃O
2,2,2-Trifluoroethanol-d₃

C₂D₃N
Acetonitrile-d₃

C₂D₄O₂
Acetic acid-d₄

C₂D₆O
Ethanol-d₆

C₂D₆OS
Dimethyl sulphoxide-d₆

C₂D₆O₂
Ethylene glycol-d₆

C₂D₆O₄S
Dimethyl sulphate-d₆

C₂FeO₄ · 2H₂O
Iron(II) oxalate

C₂F₃NaO₂
Trifluoroacetic acid sodium salt

C₂F₅J
Perfluoroethyl iodide

$C_2F_6O_5S_2$ Trifluoromethanesulphonic anhydride	$C_2H_2F_3J$ 1H,1H-Perfluoroethyl iodide	$C_2H_3O_2Ti$ Thallium(I) acetate
$C_2HBr_2Cl_3$ 1,2-Dibromotrichloroethane	$C_2H_2F_3NO$ Trifluoroacetamide	C_2H_4BrCl 1-Bromo-2-chloroethane
C_2HBr_3O Bromal	$C_2H_2JNaO_2$ Iodoacetic acid sodium salt	$C_2H_4BrNaO_3S$ 2-Bromoethanesulphonic acid sodium salt
$C_2HBr_3O_2$ Tribromoacetic acid	$C_2H_2O_2$ Glyoxal solution	C_2H_4BrNO N-Bromoacetamide
$C_2HClF_2O_2$ Chlorodifluoroacetic acid	$C_2H_2O_3$ Glyoxylic acid solution	$C_2H_4Br_2$ 1,2-Dibromoethane
C_2HCl_3 Trichloroethylene	$C_2H_2O_3 \cdot H_2O$ Glyoxylic acid monohydrate	C_2H_4ClNO Chloroacetamide
C_2HCl_3O Chloral Dichloroacetyl chloride	$C_2H_2O_4$ Oxalic acid	$C_2H_4Cl_2$ 1,2-Dichloroethane
$C_2HCl_3O_2$ Trichloroacetic acid	$C_2H_2O_4 \cdot 2H_2O$ Oxalic acid dihydrate	$C_2H_4Cl_2O$ Bis(chloromethyl)ether 2,2-Dichloroethanol Dichloromethyl methyl ether
C_2HCl_5 Pentachloroethane	$C_2H_3AgO_2$ Silver acetate	C_2H_4FNO Fluoroacetamide
$C_2HF_3O \cdot xH_2O$ Trifluoroacetaldehyde hydrate	C_2H_3BrO Acetyl bromide	C_2H_4JNO Iodoacetamide
$C_2HF_3O_2$ Trifluoroacetic acid	$C_2H_3BrO_2$ Bromoacetic acid	$C_2H_4N_2O_2$ Oxamide
$C_2HNaO_3 \cdot H_2O$ Glyoxylic acid sodium salt	$C_2H_3Br_3O$ 2,2,2-Tribromoethanol	$C_2H_4N_2S_2$ Rubeanic acid
C_2H_2BrClO Bromoacetyl chloride	C_2H_3ClO Acetyl chloride	$C_2H_4N_4$ 3-Amino-1,2,4-triazole Amitrole 1-Cyanoguanidine
$C_2H_2Br_2$ 1,2-Dibromoethylene	$C_2H_3ClO_2$ Chloroacetic acid Methyl chloroformate	$C_2H_4N_4O_2$ Azodicarboxamide
$C_2H_2Br_2Cl_2$ 1,2-Dibromo-1,1-dichloroethane	$C_2H_3Cl_3$ 1,1,1-Trichloroethane 1,1,2-Trichloroethane	C_2H_4O Acetaldehyde Ethylene oxide
$C_2H_2Br_2F_2$ 1,2-Dibromo-1,1-difluoroethane	$C_2H_3Cl_3O$ 2,2,2-Trichloroethanol	C_2H_4OS Thioacetic acid
$C_2H_2Br_2O$ Bromoacetyl bromide	$C_2H_3Cl_3O_2$ Chloral hydrate	$C_2H_4O_2$ Acetic acid Glycolaldehyde Methyl formate
$C_2H_2Br_2O_2$ Dibromoacetic acid	$C_2H_3Cl_3Si$ Trichlorovinylsilane	$C_2H_4O_2S$ Thioglycollic acid
$C_2H_2Br_4$ 1,1,2,2-Tetrabromoethane	$C_2H_3DO_2$ Acetic acid-d ₁	$C_2H_4O_3$ Glycollic acid
$C_2H_2ClF_3O_2S$ 2,2,2-Trifluoroethanesulphonyl chloride	$C_2H_3F_3O$ 2,2,2-Trifluoroethanol	C_2H_5Br Bromoethane
C_2H_2ClN Chloroacetonitrile	$C_2H_3F_3O_3S$ Methyl trifluoromethanesulphonate	C_2H_5BrO 2-Bromoethanol
C_2H_2ClNS Chloromethyl thiocyanate	$C_2H_3JO_2$ Iodoacetic acid	C_2H_5ClO 2-Chloroethanol
$C_2H_2ClNaO_2$ Chloroacetic acid sodium salt	C_2H_3KOS Thioacetic acid potassium salt	C_2H_5ClS Chlorodimethyl sulphide
$C_2H_2Cl_2$ 1,1-Dichloroethylene <i>trans</i> -1,2-Dichloroethylene 1,2-Dichloroethylene	$C_2H_3KO_2$ Potassium acetate	$C_2H_5Cl_3Si$ Ethyltrichlorosilane
$C_2H_2Cl_2O$ Chloroacetyl chloride	C_2H_3N Acetonitrile	C_2H_5DO Ethanol-d ₁
$C_2H_2Cl_2O_2$ Dichloroacetic acid	C_2H_3NS Methyl <i>iso</i> -thiocyanate	C_2H_5FO 2-Fluoroethanol
$C_2H_2Cl_3NO$ Trichloroacetamide	$C_2H_3N_3$ 1,2,4-Triazole	C_2H_5J Iodoethane
$C_2H_2Cl_4$ 1,1,2,2-Tetrachloroethane	$C_2H_3NaO_2$ Sodium acetate	C_2H_5JO 2-Iodoethanol
$C_2H_2D_4O_2$ Ethylene glycol-d ₄	$C_2H_3NaO_2 \cdot 3HO$ Sodium acetate trihydrate	
$C_2H_2FNaO_2$ Fluoroacetic acid sodium salt	$C_2H_3NaO_2S$ Sodium thioglycollate	

C_2H_5NO Acetamide N-Methylformamide	$C_2H_7Cl_2N$ 2-Chloroethylammonium chloride	$C_3D_4O_4$ Malonic acid-d ₄
$C_2H_5NO_2$ Glycine Methyl carbamate Nitroethane	C_2H_7N Dimethylamine solution Ethylamine solution	C_3D_6O Acetone-d ₆
$C_2H_5NO_3$ 2-Nitroethanol	C_2H_7NO 2-Aminoethanol	C_3D_7NO N,N-Dimethylformamide-d ₇
C_2H_5NS Thioacetamide	$C_2H_7NO_2$ Ammonium acetate	C_3D_8O Propanol-(2)-d ₈
$C_2H_5N_3O_2$ Biuret	$C_2H_7NO_3S$ Taurine	C_3F_6 Perfluoropropene
$C_2H_5N_5$ 3,5-Diamino-1,2,4-triazole	$C_2H_7NO_4S$ 2-Aminoethylsulphuric acid	C_3F_7J Perfluoro- <i>iso</i> -propyl iodide Perfluoro- <i>n</i> -propyl iodide
$C_2H_6BF_3O$ Boron trifluoride methyl ether-complex	$C_2H_7O_3P$ Dimethyl phosphite	$C_3HCl_2N_3O_3$ Dichlorocyanuric acid
$C_2H_6ClO_2PS$ 0,0-Dimethylthiophosphoric acid chloride	C_2H_8ClN Ethylammonium chloride	$C_3HF_5O_2$ 2,2,3,3,3-Pentafluoropropionic acid
C_2H_6CIPS Dimethylthiophosphine acid chloride	C_2H_8CINS Cysteamine hydrochloride	$C_3H_2AgBaO_6P \cdot 2H_2O$ Phosphoenol pyruvate silver-barium salt
$C_2H_6Cl_2Sn$ Dimethyltin dichloride	$C_2H_8NO_4P$ Colaminphosphoric acid	$C_3H_2CaO_4$ Calcium malonate
$C_2H_6N_2O$ Methylurea	$C_2H_8N_2$ 1,2-Diaminoethane 1,2-Diaminoethane solution N,N-Dimethylhydrazine	C_3H_2ClN 2-Chloroacrylonitrile
$C_2H_6N_2O_4S$ Aminoacetonitrile hydrogen sulphate	$C_2H_8N_2O$ 2-Hydroxyethylhydrazine	$C_3H_2Cl_2O_2$ Malonyl chloride
$C_2H_6N_2S$ N-Methylthiourea	$C_2H_8N_2O_4 \cdot H_2O$ Ammonium oxalate	$C_3H_2Cl_2O_3$ 4,5-Dichloro-1,3-dioxolan-2-one
$C_2H_6N_4O$ Guanyl urea	$C_2H_8N_4O_3$ 1-Aminoguanidinium hydrogen carbonate	$C_3H_2Cl_4O_2$ 2,2,2-Trichloroethyl chloroformate
$C_2H_6N_6S$ 4-Amino-3-hydrazino-5-mercapto-1,2,4-triazole	$C_2H_{10}Cl_2N_2$ N,N'-Dimethylhydrazinium dichloride	$C_3H_2N_2$ Malonic acid dinitrile
C_2H_6O Ethanol absolute Ethanol	$C_2H_{10}NO_2PS_2$ Ammonium-0,0-dimethyl dithiophosphate	$C_3H_2N_2S_2$ Methylene dithiocyanate
C_2H_6OS Dimethyl sulphoxide 2-Mercaptoethanol	$C_2H_{14}N_8O_4S \cdot H_2O$ Aminoguanidinium sulphate monohydrate	$C_3H_2O_2$ Propiolic acid
$C_2H_6O_2$ Ethylene glycol	$C_2K_2N_2S_3$ Bismuthiol I dipotassium salt	C_3H_3Br 3-Bromopropene
$C_2H_6O_2S$ Dimethylsulphone	$C_2K_2O_4 \cdot H_2O$ Potassium oxalate monohydrate	$C_3H_3BrO_3$ Bromopyruvic acid
$C_2H_6O_3S$ Dimethyl sulphite	$C_2Na_2O_4$ Sodium oxalate	$C_3H_3Br_2ClO$ 2,3-Dibromopropionyl chloride
$C_2H_6O_4S$ Dimethyl sulphate	$C_3Br_2F_6$ 1,2-Dibromohexafluoropropane	$C_3H_3Cl_2NaO_2$ 2,2-Dichloropropionic acid sodium salt
$C_2H_6O_5S_2$ Methanesulphonic anhydride	$C_3Cl_2F_4O$ 1,3-Dichloro-1,1,3,3-tetrafluoroacetone	$C_3H_3F_3O$ 1,1,1-Trifluoroacetone
C_2H_6S Dimethyl sulphide Ethanethiol	$C_3Cl_3F_3O$ 1,1,1-Trichloro-3,3,3-trifluoroacetone	$C_3H_3F_3O_2$ Methyl trifluoroacetate
$C_2H_6S_2$ Dimethyl disulphide Ethanedithiol-(1,2)	$C_3Cl_3NO_2$ Trichloroacetyl <i>iso</i> -cyanate	C_3H_3N Acrylonitrile
$C_2H_7BF_3N$ Boron trifluoride-ethylamine-complex	$C_3Cl_3N_3$ Cyanuric chloride	C_3H_3NO Pyruvic acid nitrile
$C_2H_7Br_2N$ 2-Bromoethylammonium bromide	$C_3Cl_3N_3O_3$ Trichloro- <i>iso</i> -cyanuric acid	$C_3H_3NO_2$ Cyanoacetic acid
$C_2H_7ClN_2$ Acetamidinium chloride	C_3Cl_4 Tetrachlorocyclopropene	$C_3H_3NO_2S$ 2,4-Thiazolidinedione
$C_2H_7ClN_2O$ Glycinamide hydrochloride	C_3Cl_6 Hexachloropropene	$C_3H_3N_3$ 1,3,5-Triazine
	C_3Cl_6O Hexachloroacetone	$C_3H_3N_3O_2$ 6-Azauracil
	$C_3D_7F_6O$ Hexafluoro-2-propanol-d ₇	$C_3H_3N_3O_3$ Cyanuric acid

$C_3H_3NaO_3$ Pyruvic acid sodium salt	C_3H_5Cl Allyl chloride 1-Chloropropene-(1) 2-Chloropropene-(1)	C_3H_6O Acetone Allyl alcohol Propionaldehyde
$C_3H_4BaNO_4P \cdot 2H_2O$ 2-Cyanoethyl phosphoric acid barium salt dihydrate	C_3H_5ClO 1-Chloropropanone Epichlorhydrin	$C_3H_6O_2$ 1,3-Dioxolane 2,3-Epoxy-1-propanol Ethyl formate Hydroxyacetone Methyl acetate Propionic acid
$C_3H_4BrClO_2$ 2-Bromoethyl chloroformate	C_3H_5ClOS S-Ethyl chlorothioformate	$C_3H_6O_2S$ 2-Mercaptopropionic acid 3-Mercaptopropionic acid Methyl thioglycollate
C_3H_4BrN 3-Bromopropionitrile	$C_3H_5ClO_2$ 2-Chloropropionic acid 3-Chloropropionic acid Ethyl chloroformate Methyl chloroacetate	$C_3H_6O_3$ Dimethyl carbonate D(+)-Glyceraldehyde L(-)-Glyceraldehyde DL-Glyceraldehyde 3-Hydroxypropionic acid Lactic acid L(+)-Lactic acid solution Methoxyacetic acid 1,3,5-Trioxane
$C_3H_4Br_2$ 2,3-Dibromopropene	$C_3H_5Cl_3$ 1,2,3-Trichloropropane	C_3H_6S Allylmercaptan
$C_3H_4Br_2O$ 2-Bromopropionyl bromide 2,3-Dibromopropene-(2)-ol-(1)	$C_3H_5F_3O_3S$ Ethyl trifluoromethanesulphonate	C_3H_7Br 1-Bromopropane 2-Bromopropane
$C_3H_4Br_2O_2$ 2,3-Dibromopropionic acid	$C_3H_5KOS_2$ Potassium xanthate	C_3H_7BrO 1-Bromo-2-propanol 3-Bromo-1-propanol
C_3H_4ClN 3-Chloropropionitrile	C_3H_5N Propionitrile	C_3H_7Cl 1-Chloropropane 2-Chloropropane
$C_3H_4Cl_2$ 1,1-Dichloro-1-propene 2,3-Dichloro-1-propene	C_3H_5NO Acrylamide 3-Hydroxypropionitrile DL-Lactonitrile	C_3H_7ClO 3-Chloro-1-propanol
$C_3H_4Cl_2O$ 2-Chloropropionyl chloride 3-Chloropropionyl chloride 1,3-Dichloroacetone	C_3H_5NS Ethyl thiocyanate	$C_3H_7ClO_2$ 3-Chloro-1,2-propanediol
$C_3H_4Cl_2O_2$ 2,3-Dichloropropionic acid Methyl dichloroacetate	$C_3H_5NS_2$ 2-Thiazolinethiol-(2)	C_3H_7J 1-Iodopropane 2-Iodopropane
$C_3H_4F_4O$ Tetrafluoroethyl methyl ether 2,2,3,3-Tetrafluoropropanol	$C_3H_5NaO_2$ Sodium propionate	C_3H_7N Allylamine Cyclopropylamine
$C_3H_4N_2$ Imidazole N-Methyleneaminoacetonitrile Pyrazole	$C_3H_5NaO_3$ L-Lactic acid sodium salt Sodium lactate solution	C_3H_7NO Acetone oxime N,N-Dimethylformamide N-Methylacetamide Propionamide
$C_3H_4N_2O$ Cyanoacetamide	C_3H_5BrCl 1-Bromo-3-chloropropane	$C_3H_7NO_2$ D(-)-Alanine L(+)-Alanine DL-Alanine β -Alanine 2-Nitropropane iso-Propyl nitrite Sarcosine Urethane
$C_3H_4N_2OS$ 2-Thiohydantoin	$C_3H_5Br_2$ 1,2-Dibromopropane 1,3-Dibromopropane	$C_3H_7NO_2S$ L(+)-Cysteine
$C_3H_4N_2O_2$ Hydantoin	$C_3H_5Br_2O$ 2,3-Dibromopropanol-(1)	$C_3H_7NO_3$ L(+)-Serine
$C_3H_4N_2S$ 2-Aminothiazole	C_3H_5ClNO Dimethylcarbamoyl chloride	$(C_3H_7O_2P)_n$ Propanephosphonic acid anhydride solution
C_3H_4O Acrolein Propargyl alcohol	$C_3H_5Cl_2$ 1,2-Dichloropropane 1,3-Dichloropropane	$C_3H_8BF_3N$ Boron trifluoride-iso-propylamine-complex
$C_3H_4O_2$ Acrylic acid	$C_3H_5Cl_2O$ 2,2-Dichloroethyl methyl ether 1,3-Dichloro-2-propanol	$C_3H_8ClNO_2$ Methyl glycinate hydrochloride
$C_3H_4O_3$ Ethylene carbonate Pyruvic acid	$C_3H_5J_2$ 1,3-Diiodopropane	$C_3H_8ClNO_2S \cdot H_2O$ L(+)-Cysteine hydrochloride
$C_3H_4O_4$ Malonic acid	$C_3H_5N_2O$ N,N'-Ethyleneurea	
$C_3H_4O_6 \cdot H_2O$ Mesoxalic acid monohydrate	$C_3H_5N_2O_2$ D-Cycloserine Malonamide N,N'-Methylenediformamide	
$C_3H_4S_3$ 1,3-Dithiolanethione-(2)	$C_3H_5N_2O_3$ Hydantoic acid	
C_3H_5Br Bromocyclopropane 3-Bromopropene	$C_3H_5N_2S$ 2-Aminothiazoline N,N'-Ethylenethiourea	
C_3H_5BrO Epibromhydrin	$C_3H_6N_6$ 2,4,6-Triamino-1,3,5-triazine	
$C_3H_5BrO_2$ 2-Bromopropionic acid 3-Bromopropionic acid Methyl bromoacetate		

C₃H₈N₂O N,N'-Dimethylurea N-Ethylurea	C₃H₁₀ClN₃ 1,1-Dimethylguanidine hydrochloride Ethylguanidinium hydrochloride	C₄H₂N₂ Fumaronitrile
C₃H₈N₂O₂ Formamidine acetate	C₃H₁₀ClN₃O₃ Formaldehyde oxime hydrochloride trimer	C₄H₂Na₂O₄ Fumaric acid disodium salt Maleic acid disodium salt
C₃H₈O Propanol-(1) Propanol-(2)	C₃H₁₀N₂ N-Methylethylenediamine 1,2-Propanediamine 1,3-Propanediamine	C₄H₂O₃ Maleic anhydride
C₃H₈OS₂ 2,3-Dimercaptopropanol-(1) Methyl methylthiomethyl sulphoxide	C₃H₁₂N₆O₃ Guanidinium carbonate	C₄H₂O₄ Acetylenedicarboxylic acid
C₃H₈O₂ Ethylene glycol monomethyl ether Formaldehyde dimethyl acetal 1,2-Propanediol 1,3-Propanediol	C₄ClF₇O Perfluorobutyryl chloride	C₄H₃BrF₄ 4-Bromo-3,3,4,4-tetrafluorobutene-(1)
C₃H₈O₂S 1-Thioglycerol solution	C₄Cl₂F₈ 2,3-Dichlorooctafluorobutane	C₄H₃BrN₂O₂ 5-Bromouracil
C₃H₈O₃ Glycerol	C₄Cl₂O₃ 2,3-Dichloromaleic anhydride	C₄H₃BrS 2-Bromothiophene 3-Bromothiophene
C₃H₈O₃S Ethyl methanesulphonate	C₄Cl₄N₂ Tetrachloropyrimidine	C₄H₃ClS 2-Chlorothiophene
C₃H₈S 1-Propanethiol 2-Propanethiol	C₄Cl₆ Hexachloro-1,3-butadiene	C₄H₃FN₂O₃ 5'-Fluorouracil
C₃H₈S₂ 1,2-Propanedithiol 1,3-Propanedithiol	C₄Cl₆O₃ Trichloroacetic anhydride	C₄H₃F₇O 2,2,3,3,4,4,4-Heptafluoro-1-butanol
C₃H₉AlO₃ Aluminium methylate	C₄D₆O₃ Acetic anhydride-d ₆	C₄H₃JS 2-Iodothiophene
C₃H₉BO₃ Trimethyl borate	C₄D₈O₂ 1,4-Dioxan-d ₈	C₄H₃KO₈ · 2H₂O Potassium tetroxalate dihydrate
C₃H₉ClSi Chlorotrimethylsilane	C₄D₁₀O Diethyl ether-d ₁₀	C₄H₃NO₂ Maleimide
C₃H₉ClSn Trimethyltin chloride	C₄F₆O₃ Trifluoroacetic anhydride	C₄H₃N₃O₄ 5-Nitouracil
C₃H₉Cl₂N 3-Chloropropylamine hydrochloride	C₄F₈J₂ 1,4-Diiodoperfluorobutane	C₄H₄BrNO₂ N-Bromosuccinimide
C₃H₉JOS Trimethylsulphoxonium iodure	C₄F₉J Perfluorobutyl iodide	C₄H₄Br₂Cl₂ 2,3-Dibromo-1,4-dichlorobutene-(2)
C₃H₉JS Trimethylsulphonium iodide	C₄HBr₃S 2,3,5-Tribromothiophene	C₄H₄Br₂F₄ 1,4-Dibromo-1,1,2,2-tetrafluorobutane
C₃H₉N <i>n</i> -Propylamine <i>iso</i> -Propylamine, mono <i>iso</i> -Propylamine solution Trimethylamine solution	C₄HF₅NO₂ Bis-(trifluoroacetamide)	C₄H₄Br₂O₄ 2,3-Dibromosuccinic acid
C₃H₉NO 1-Aminopropanol-(2) 3-Aminopropanol-(1) 2-Methoxyethylamine N-Methylethanolamine	C₄HF₇O₂ Perfluorobutyric acid	C₄H₄ClNO₂ N-Chlorosuccinimide
C₃H₉NO₃S N-Methyltaurine	C₄HKO₄ Acetylenedicarboxylic acid monopotassium salt	C₄H₄Cl₂O₂ Succinyl dichloride
C₃H₉N₃Si Trimethylsilyl azide	C₄H₂Br₂O₃ Mucobromic acid	C₄H₄Cl₂O₃ Chloroacetic anhydride
C₃H₉OP Trimethyl phosphin oxide	C₄H₂Br₂S 2,5-Dibromothiophene	C₄H₄Cl₂O₄ <i>meso</i> -2,3-Dichlorosuccinic acid
C₃H₉O₃P Tris-(hydroxymethyl)-phosphine	C₄H₂Cl₂N₂ 2,4-Dichloropyrimidine 4,6-Dichloropyrimidine	C₄H₄JNO₂ N-Iodosuccinimide
C₃H₉O₄P Trimethyl phosphate Tris-(hydroxymethyl)-phosphin oxide	C₄H₂Cl₂O₂ Fumaryl chloride	C₄H₄KNaO₆ · 4H₂O Potassium sodium tartrate tetrahydrate
C₃H₁₀ClN Trimethylammonium chloride	C₄H₂Cl₂O₃ Mucochloric acid	C₄H₄KO₇Sb · ½H₂O Potassium antimony tartrate
	C₄H₂Cl₂S 2,5-Dichlorothiophene	C₄H₄K₂O₆ · ½H₂O Potassium tartrate
	C₄H₂F₄O₄ Perfluorosuccinic acid	C₄H₄N₂ Pyrazine Pyridazine Pyrimidine Succinodinitrile
	C₄H₂F₇NO Perfluorobutyramide	C₄H₄N₂O 4(6)-Hydroxypyrimidine
	C₄H₂FeO₄ Iron(II) fumarate	C₄H₄N₂OS 2-Thiouracil

$C_4H_4N_2O_2$ 4,6-Dihydroxypyrimidine Maleic hydrazide 3,6-Pyridazinediol Uracil	$C_4H_5NNa_2O_4 \cdot xH_2O$ Iminodiacetic acid disodium salt	$C_4H_6N_2Na_2O_2 \cdot 8H_2O$ Dimethylglyoxime disodium salt octahydrate
$C_4H_4N_2O_2S \cdot H_2O$ 2-Thiobarbituric acid	C_4H_5NO 5-Methylisoxazole	$C_4H_6N_2S$ 2-Mercapto-1-methylimidazole
$C_4H_4N_2O_4 \cdot H_2O$ 5-Hydroxybarbituric monohydrate	$C_4H_5NOS_2$ N-Methylrhodanine	$C_4H_6N_4O \cdot H_2O$ 2,4-Diamino-6-hydroxypyrimidine monohydrate
$C_4H_6N_2O_5 \cdot 4H_2O$ Alloxan tetrahydrate	$C_4H_5NO_2$ Methyl cyanoacetate Succinimide	$C_4H_5N_4OS$ 4,5-Diamino-6-hydroxy-2- mercaptopyrimidine
$C_4H_4N_2S$ Pyrimidinethiol-(2)	$C_4H_5NO_3$ N-Hydroxysuccinimide	$C_4H_6N_4O_3$ Allantoin
$C_4H_4N_6O$ 8-Azaguanine	C_4H_5NS Allyl <i>iso</i> -thiocyanate	$C_4H_6N_4S$ 4,6-Diamino-2-mercaptopyrimidine
$C_4H_4Na_2O_4 \cdot 6H_2O$ Succinic acid disodium salt hexahydrate	$C_4H_5N_3$ 2-Aminopyrazine 2-Aminopyrimidine Iminodiacetonitrile	$C_4H_6NiO_4 \cdot 4H_2O$ Nickel(II) acetate tetrahydrate
$C_4H_4Na_2O_6 \cdot 2H_2O$ Sodium tartrate	$C_4H_5N_3O$ Cytosine	C_4H_6O Butyne-(1)-ol-(3) solution Crotonaldehyde 2,5-Dihydrofuran Methyl vinyl ketone
C_4H_4O Furan	$C_4H_5N_3O_2$ 4-Aminouracil 5-Aminouracil 2-Methyl-5-nitroimidazole	$C_4H_6O_2$ 3-Butenoic acid Butyne-(2)-diol-(1,4) γ -Butyrolactone Crotonic acid Cyclopropanecarboxylic acid Diacetyl 1,2:3,4-Diepoxybutane Methacrylic acid Methyl acrylate Vinyl acetate
$C_4H_4O_3$ Succinic anhydride	$C_4H_5N_5O_2$ 2,4-Diamino-6-hydroxy-5-nitrosopyrimidine	$C_4H_6O_2S$ 3-Sulpholene
$C_4H_4O_4$ Fumaric acid Maleic acid	$C_4H_5NaO_3$ 2-Keto butyric acid sodium salt	$C_4H_6O_3$ Acetic anhydride Methyl pyruvate 2-Oxobutyric acid Propylene carbonate
$C_4H_4O_5$ Oxalacetic acid	$C_4H_6BaO_4$ Barium acetate	$C_4H_6O_4$ Methylmalonic acid Succinic acid
$C_4H_4O_6$ Dihydroxyfumaric acid	C_4H_6BrN 4-Bromobutyronitrile	$C_4H_6O_4Pb \cdot 3H_2O$ Lead acetate trihydrate
C_4H_4S Thiophene	$C_4H_6Br_2$ 1,4-Dibromobutene-(2)	$C_4H_6O_4Pd$ Palladium(II) acetate
$C_4H_5BrO_2$ 2-Bromo- γ -butyrolactone	$C_4H_6Br_2O$ 2-Bromobutyryl bromide 2-Bromo- <i>iso</i> -butyryl bromide	$C_4H_6O_4S$ Mercaptosuccinic acid 2,2'-Thiodiacetic acid
$C_4H_5BrO_3$ 3-Bromo-2-oxobutyric acid	$C_4H_6Br_2O_2$ 2,3-Dibromobutene-(2)-diol-(1,4) 2,3-Dibromobutyric acid	$C_4H_6O_4Sr$ Strontium acetate
$C_4H_5BrO_4$ Bromosuccinic acid	$C_4H_6CaO_4 \cdot xH_2O$ Calcium acetate	$C_4H_6O_4Zn \cdot 2H_2O$ Zinc acetate dihydrate
$C_4H_5ClN_2O$ 2-Hydroxypyrimidine hydrochloride	$C_4H_6CdO_4 \cdot 2H_2O$ Cadmium acetate dihydrate	$C_4H_6O_5$ Malic acid DL-Malic acid L(-)-Malic acid
$C_4H_5ClN_4$ 6-Chloro-2,4-diaminopyrimidine	C_4H_6ClN 4-Chlorobutyronitrile	$C_4H_6O_5Zr$ Zirconyl acetate solution
C_4H_5ClO Crotonoyl chloride	$C_4H_6Cl_2O$ 4-Chlorobutyryl chloride	$C_4H_6O_6$ D(-)-Tartaric acid L(+)-Tartaric acid DL-Tartaric acid
$C_4H_5ClO_2$ Allyl chloroformate	$C_4H_6Cl_2O_2$ Methyl 2,3-dichloropropionate	$C_4H_6O_6 \cdot H_2O$ <i>meso</i> -Tartaric acid monohydrate
$C_4H_5Cl_2NaO_2$ 2,3-Dichloroisobutyric acid sodium salt	$C_4H_6Cl_4$ <i>meso</i> -1,2,3,4-Tetrachlorobutane	$C_4H_6O_6U \cdot 2H_2O$ Uranyl acetate dihydrate
$C_4H_5Cl_3O_2$ Ethyl trichloroacetate	$C_4H_6CoO_4 \cdot 4H_2O$ Cobalt(II) acetate tetrahydrate	
$C_4H_5F_3OS$ S-Ethyl trifluorothioacetate	$C_4H_6CuO_4 \cdot H_2O$ Copper(II) acetate monohydrate	
$C_4H_5F_3O_2$ Ethyl trifluoroacetate	$C_4H_6HgO_4$ Mercury(II) acetate	
$C_4H_5KO_4$ Monomethyl malonate potassium salt	$C_4H_6MgO_4 \cdot 4H_2O$ Magnesium acetate tetrahydrate	
$C_4H_5KO_6$ Potassium hydrogen tartrate	$C_4H_6MnO_4 \cdot 4H_2O$ Manganese(II) acetate tetrahydrate	
C_4H_5N Allyl cyanide Crotonitrile Cyclopropanecarboxylic acid nitrile Methacrylonitrile Pyrrole	$C_4H_6N_2$ 1-Methylimidazole 2-Methylimidazole	

C₄H₇Br 1-Bromobutene-(2) Bromocyclobutane	C₄H₈N₂ Lysidine 3-Methylaminopropionitrile	C₄H₉LiO Lithium <i>tert</i> -butylate
C₄H₇BrO₂ α -Bromo- <i>iso</i> -butyric acid 2-Bromobutyric acid Ethyl bromoacetate Methyl DL-2-bromopropionate	C₄H₈N₂O N-Allylurea N,N'-Propylene urea	C₄H₉N Pyrrolidine
C₄H₇Br₂Cl₂O₄P Dibrom	C₄H₈N₂O₂ Dimethylglyoxime Succinamide	C₄H₉NO Butyramide N,N-Dimethylacetamide N-Ethylacetamide Morpholine
C₄H₇Cl <i>trans</i> -1-Chloro-2-butene 3-Chloro-1-butene Methallyl chloride	C₄H₈N₂O₃ Glycylglycine	C₄H₉NO₂ 2-Acetamidoethanol DL-2-Aminobutyric acid DL-3-Aminobutyric acid 4-Aminobutyric acid <i>tert</i> -Butyl nitrite 2-Methylalanine
C₄H₇CIN₂O 4-(Hydroxymethyl)-imidazole hydrochloride	C₄H₈N₂O₃ · H₂O D-Asparagine monohydrate L-Asparagine monohydrate	C₄H₉NO₂S DL-Homocysteine
C₄H₇ClO Butyryl chloride (2-Chlorethyl)vinyl ether 3-Chloro-2-butanone Isobutyryl chloride	C₄H₈N₂S N-Allylthiourea	C₄H₉NO₃ DL-4-Amino-3-hydroxybutyric acid DL-Homoserine L-Homoserine D(+)-Threonine DL-Threonine L(-)-Threonine
C₄H₇ClO₂ 4-Chlorobutyric acid Ethyl chloroacetate Methyl 2-chloropropionate	C₄H₈N₃Na₂O₅P · 6H₂O Creatinephosphoric acid disodium salt hexahydrate	C₄H₉NO₆ Tris-(hydroxymethyl)-nitromethane
C₄H₇Cl₂O₄P Dichlorophos (DDVP)	C₄H₈N₄O₅S 4,5-Diamino-6-hydroxypyrimidine sulphate	C₄H₉N₃O₂ · H₂O Creatine monohydrate
C₄H₇Cl₃O · ½H₂O Acetone chloroform	C₄H₈O <i>iso</i> -Butyraldehyde <i>n</i> -Butyraldehyde Crotyl alcohol 1,2-Epoxybutane Methyl ethyl ketone 2-Methyl-2-propen-1-ol Tetrahydrofuran Vinyl ethyl ether	C₄H₁₀BF₃O Boron trifluoride-diethyl ether-complex
C₄H₇FO₂ Ethyl fluoroacetate	C₄H₈O₂ Butene-(2)-diol-(1,4) <i>iso</i> -Butyric acid <i>n</i> -Butyric acid 1,3-Dioxan 1,4-Dioxan Ethyl acetate Methyl propionate <i>n</i> -Propyl formate	C₄H₁₀CINO₂ Ethyl glycinate hydrochloride Methyl-L-alaninate hydrochloride
C₄H₇F₃O₂ Trifluoroacetaldehyde ethyl hemiacetal	C₄H₈O₂S Ethyl thioglycolate Tetramethylene sulphone	C₄H₁₀CINO₃ L-Serine methyl ester hydrochloride
C₄H₇N Butyronitrile <i>iso</i> -Butyronitrile	C₄H₈O₃ Ethoxyacetic acid DL-2-Hydroxybutyric acid 2-Hydroxy- <i>iso</i> -butyric acid	C₄H₁₀ClO₂PS O,O-Diethyl thiophosphoric acid chloride
C₄H₇NO 3-Methoxypropionitrile Pyrrolidone-(2)	C₄H₈O₄ D-Erythrose	C₄H₁₀Cl₃N Bis-(2-chlorethyl)-ammonium chloride
C₄H₇NO₂ Diacetamide Diacetylmonoxime	C₄H₈S Tetrahydrothiophene	C₄H₁₀N₂ Piperazine
C₄H₇NO₂S L(-)-Thiazolidine-4-carboxylic acid	C₄H₈S₂ 1,3-Dithiane	C₄H₁₀N₂O N-Nitrosodiethylamine
C₄H₇NO₄ DL-Aspartic acid L-Aspartic acid Iminodiacetic acid	C₄H₉Br 1-Bromobutane 2-Bromobutane 1-Bromo-2-methylpropane 2-Bromo-2-methylpropane	C₄H₁₀N₂O₂ Acetamidinium acetate
C₄H₇N₃O Creatinine	C₄H₉BrO₂ Bromoacetaldehyde dimethyl acetal	C₄H₁₀O Butanol-(1) Butanol-(2) <i>iso</i> -Butanol <i>tert</i> -Butanol Diethyl ether
C₄H₇N₅ 2,4,6-Triaminopyrimidine	C₄H₉Cl 1-Chlorobutane 2-Chloro-2-methylpropane	C₄H₁₀O₂ <i>tert</i> -Butyl hydroperoxide 1,3-Butylene glycol 1,4-Butylene glycol 1,2-Dimethoxyethane Ethylene glycol monoethyl ether
C₄H₇NaO₃ 4-Hydroxybutyric acid sodium salt	C₄H₉ClO 4-Chloro-1-butanol 1-Chloro-2-methyl-2-propanol	C₄H₁₀O₂S 2,2-Thiodiethanol
C₄H₈BF₃O₄ Boron trifluoride-acetic acid-complex	C₄H₉ClO₂ 4-Chloro-1-butanol 1-Chloro-2-methyl-2-propanol	C₄H₁₀O₃ Diethylene glycol Trimethyl orthoformate
C₄H₈Br₂ 1,4-Dibromobutane	C₄H₉J 1-Iodobutane 2-Iodobutane 1-Iodo-2-methylpropane 2-Iodo-2-methylpropane	C₄H₁₀O₄ <i>meso</i> -Erythritol
C₄H₈CINOS DL-Homocysteine thiolactone hydrochloride	C₄H₉KO Potassium <i>tert</i> -butylate	C₄H₁₀O₄S Diethyl sulphate
C₄H₈CIN₃O Creatinine hydrochloride		
C₄H₈Cl₃O₄P Trichlorophon		
C₄H₈CuN₂O₄ · H₂O Copper(II) aminoacetate		

C₄H₁₀S Butanethiol-(1) Butanethiol-(2) Diethyl sulphide 2-Methylpropanethiol-(1) 2-Methylpropanethiol-(2)	C₄H₁₄NO₂PS₂ Ammonium-0,0-diethyl dithiophosphate	C₅H₄N₂O₄ Orotic acid
C₄H₁₁BO₂ Butylboric acid	C₄J₄S Tetraiodothiophene	C₅H₄N₂O₄ · H₂O Orotic acid monohydrate
C₄H₁₁ClSi Chloromethyltrimethylsilane	C₄K₂O₉Ti · 2H₂O Potassium titanium oxide oxalate dihydrate	C₅H₄N₄ Purine
C₄H₁₁Cl₂N 1-Chloro-2-dimethylaminoethane hydrochloride	C₅Cl₅N Pentachloropyridine	C₅H₄N₄O Hypoxanthine
C₄H₁₁N <i>n</i> -Butylamine <i>tert</i> -Butylamine Diethylamine	C₅Cl₆ Hexachlorocyclopentadiene	C₅H₄N₄O₂ Xanthine
C₄H₁₁NO 2-Aminobutanol-(1) 2-Amino-2-methyl-1-propanol N,N-Dimethylethanolamine 3-Methoxypropylamine	C₅D₅N Pyridine-d ₅	C₅H₄N₄O₃ Uric acid
C₄H₁₁NO₂ Aminoacetaldehyde dimethyl acetal 2-Amino-2-methyl-1,3-propanediol Diethanolamine	C₅D₁₂N₂O Tetramethylurea-d ₁₂	C₅H₄N₄S 6-Mercaptopurine
C₄H₁₁NO₃ Tris-(hydroxymethyl)-aminomethane	C₅H₂F₆O₂ Hexafluoroacetylacetone	C₅H₄OS Thiophenecarbaldehyde-(2)
C₄H₁₁O₃P Diethyl phosphite	C₅H₂F₆O₄ Perfluoroglutaric acid	C₅H₄O₂ Furfural
C₄H₁₂BF₄N Tetramethylammonium tetrafluoroborate	C₅H₃BrN₂O₃ 5-Bromo-2-hydroxy-3-nitropyridine	C₅H₄O₂S Thiophene-2-carboxylic acid
C₄H₁₂CIN Diethylammonium chloride Tetramethylammonium chloride	C₅H₃BrOS 5-Bromothiophenecarbaldehyde-(2)	C₅H₄O₃ Citraconic anhydride Furan-2-carboxylic acid Furan-3-carboxylic acid
C₄H₁₂CINO₃ Tris-(hydroxymethyl)-aminomethane hydrochloride	C₅H₃BrO₃ 5-Bromofuran-2-carboxylic acid	C₅H₅BrCIN 4-Bromopyridine hydrochloride
C₄H₁₂CINS 2-Dimethylaminoethanethiol hydrochloride	C₅H₃Br₂N 2,6-Dibromopyridine	C₅H₅CIN₂ 2-Amino-5-chloropyridine 3-Amino-2-chloropyridine
C₄H₁₂CIN₅ 1,1-Dimethylbiguanide hydrochloride	C₅H₃CIN₂O₂ 2-Chloro-3-nitropyridine	C₅H₅Cl₂N 4-Chloropyridinium chloride
C₄H₁₂Cl₂N₂O₂ DL-2,4-Diaminobutyryl dihydrochloride	C₅H₃CIN₄ 6-Chloropurine	C₅H₅F₃O₂ Trifluoroacetylacetone
C₄H₁₂FN₂OP Dimefox	C₅H₃CIO₃ 2-Thiophenecarbonyl chloride	C₅H₅F₅O₂ Ethyl perfluoropropionate
C₄H₁₂N₂ N,N-Dimethylethylenediamine N,N'-Dimethylethylenediamine N-Ethylethylenediamine Tetramethylenediamine	C₅H₃CIO₂ 2-Furoyl chloride	C₅H₅N Pyridine
C₄H₁₂N₂O N-(2-Aminoethyl)-ethanolamine	C₅H₃Cl₂N 2,6-Dichloropyridine	C₅H₅NO 2-Hydroxypyridine 3-Hydroxypyridine 4-Hydroxypyridine Pyridine-1-oxide 2-Pyrrolecarbaldehyde
C₄H₁₂N₂O₆ Ammonium tartrate	C₅H₃FN₂O₂ 2-Fluoro-5-nitropyridine	C₅H₅NO₂ 3-Hydroxypyridine-N-oxide Pyrrole-2-carboxylic acid
C₄H₁₂Si Tetramethylsilane	C₅H₃F₃N₂O₂ N-Trifluoroacetylimidazole	C₅H₅NS Pyridinethiol-(2)
C₄H₁₂Sn Tetramethyltin	C₅H₃F₄N 1-Cyano-2,2,3,3-tetrafluorocyclobutane	C₅H₅N₃O Pyrazinecarboxamide
C₄H₁₃NO Tetramethylammonium hydroxide solution	C₅H₄BrN 2-Bromopyridine 3-Bromopyridine	C₅H₅N₃O₂ 2-Amino-5-nitropyridine 3-Aminopyrazinecarboxylic acid
C₄H₁₃N₃ Diethylenetriamine	C₅H₄BrNO 2-Bromo-3-hydroxypyridine	C₅H₅N₃O₃S 2-Acetamido-5-nitrothiazole
C₄H₁₄Cl₂N₂ 1,4-Butanediammonium dichloride	C₅H₄Br₂N₂ 2-Amino-3,5-dibromopyridine	C₅H₅N₅ Adenine
C₄H₁₄Cl₂N₂S₂ Cystamine dichloride	C₅H₄CIN 2-Chloropyridine 3-Chloropyridine	C₅H₅N₅O Guanine
	C₅H₄CINO 2-Chloro-3-hydroxypyridine 2-Chloro-6-hydroxypyridine 4-Chloropyridine-N-oxide	C₅H₆Br₂N₂O₂ 1,3-Dibromo-5,5-dimethylhydantoin
	C₅H₄FN 2-Fluoropyridine	C₅H₆CIN Pyridinium chloride
	C₅H₄N₂O₂ 2-Pyrazinecarboxylic acid	C₅H₆CIN₅O Guanine hydrochloride
	C₅H₄N₂O₃ 2-Hydroxy-5-nitropyridine 3-Hydroxy-2-nitropyridine 4-Nitropyridine-1-oxide	

$C_5H_6Cl_2N_2O_2$
1,3-Dichloro-5,5-dimethylhydantoin

$C_5H_6F_6O$
(2H-Perfluoroethyl)-propen-(2)-ylether
2,2,3,3-Tetrafluorocyclobutylmethanol

$C_5H_6N_2$
2-Aminopyridine
3-Aminopyridine
4-Aminopyridine
Glutarodinitrile
2-Methylpyrazine

$C_5H_6N_2O$
1-Acetylimidazole
2-Amino-3-hydroxypyridine
6-Amino-2-hydroxypyridine

$C_5H_6N_2OS$
4-Methyl-2-thiouracil

$C_5H_6N_2O_2$
6-Methyluracil
Thymine

C_5H_6O
1-Methoxybutene(1)-in-(3) solution
2-Methylfuran

C_5H_6OS
Furanmethanethiol-(2)
2-Hydroxymethylthiophene

$C_5H_6O_2$
 α -Angelicalactone
Furfuryl alcohol

$C_5H_6O_3$
Glutaric anhydride

$C_5H_6O_4$
Itaconic acid
Mesaconic acid

$C_5H_6O_5$
2-Ketoglutaric acid

C_5H_6S
2-Methylthiophene
3-Methylthiophene

$C_5H_7BrO_4$
Dimethyl bromomalonate

$C_5H_7ClO_3$
Methyl 2-chloroacetoacetate

C_5H_7N
1-Methylpyrrol

C_5H_7NO
2-Furfurylamine

$C_5H_7NO_2$
Ethyl cyanoacetate

$C_5H_7NO_3$
2-Acetamidoacrylic acid
5-Oxo-L-proline

$C_5H_7N_3$
2-Amino-4(6)-methylpyrimidine
2,3-Diaminopyridine
2,6-Diaminopyridine
3,4-Diaminopyridine

$C_5H_7N_3O$
5-Methylcytosine

$C_5H_7NaO_2$
Sodium acetylacetonate

C_5H_8
Cyclopentene
2-Methylbutadiene-(1,3)
Pentyne-(1)

$C_5H_8Br_2O$
2-Bromoisovaleryl bromide

$C_5H_8Br_2O_2$
Ethyl 2,3-dibromopropionate

$C_5H_8Br_4$
Pentaerythritol tetrabromide

C_5H_8ClN
5-Chloro-*n*-valeronitrile

$C_5H_8FNO_4$
4-Fluoroglutamic acid

$C_5H_8F_4O_2$
Methyl glycol tetrafluoroethyl ether

$C_5H_8NNaO_4 \cdot H_2O$
Sodium-L-glutamate monohydrate

$C_5H_8N_2$
3,5-Dimethylpyrazole
1-Ethylimidazole

$C_5H_8N_2O$
5-Amino-3,4-dimethylisoxazole

$C_5H_8N_2O_2$
5,5-Dimethylhydantoin

C_5H_8O
Cyclopentanone
Cyclopropyl methyl ketone
3,4-Dihydro-2H-pyran
2-Methyl-3-buten-2-ol

$C_5H_8O_2$
Acetylacetone
Allyl acetate
Cyclobutanoic acid
Ethyl acrylate
Glutardialdehyde solution
Methyl crotonate
Methyl methacrylate
3-Methyl-2-butenic acid
iso-Propenyl acetate
Tiglic acid
 γ -Valerolactone

$C_5H_8O_3$
Ethyl pyruvate
Levulinic acid
Methyl acetoacetate

$C_5H_8O_4$
Dimethylmalonic acid
Ethylmalonic acid
Glutaric acid
2-Methylsuccinic acid

$C_5H_8BaO_3P \cdot 2H_2O$
D-Ribose-5-phosphoric acid barium salt

C_5H_8Br
5-Bromopentene-(1)
Cyclopentylbromide

$C_5H_8BrO_2$
2-Bromovaleric acid
2-Bromo-*iso*-valeric acid
Ethyl DL-2-bromopropionate
Ethyl 3-bromopropionate
Methyl 2-bromobutyrate

C_5H_8ClO
Pivaloyl chloride
Tetrahydrofurfuryl chloride
Valeryl chloride

$C_5H_8ClO_2$
Butyl chloroformate
iso-Butyl chloroformate
Ethyl 2-chloropropionate
Ethyl 3-chloropropionate
Methyl 4-chlorobutyrate

$C_5H_8KO_6$
D(+)-Arabonic acid potassium salt

C_5H_8N
Pivalonitrile
Valeronitrile
iso-Valeronitrile

C_5H_8NO
Butyl *iso*-cyanate
N-Methylpyrrolidone-(2)

$C_5H_8NO_2$
DL-Proline
L(-)-Proline

$C_5H_8NO_3$
L(-)-4-Hydroxyproline

$C_5H_8NO_3S$
N-Acetyl-L-cysteine

$C_5H_8NO_4$
D(-)-Glutamic acid
DL-Glutamic acid
L(+)-Glutamic acid

C_5H_{10}
Cyclopentane
2-Methylbutene-(1)
Pentene-(1)
Pentene-(2)

$C_5H_{10}AgNS_2$
Silver diethyldithiocarbamate

$C_5H_{10}Br_2$
1,5-Dibromopentane

$C_5H_{10}ClNO$
N,N-Diethylcarbamoil chloride

$C_5H_{10}ClNO_3$
5-Aminolevulinic acid hydrochloride

$C_5H_{10}ClNO_4$
L(+)-Glutamic acid hydrochloride

$C_5H_{10}Cl_2$
1,3-Dichloro-3-methylbutane
1,5-Dichloropentane

$C_5H_{10}J_2$
1,5-Diiodopentane

$C_5H_{10}NNaS_2 \cdot 3H_2O$
Sodium diethyldithiocarbamate trihydrate

$C_5H_{10}N_2$
3-Dimethylaminopropionitrile

$C_5H_{10}N_2O_3$
L-Alanylglycine

$C_5H_{10}N_2S_2$
Dazomet

$C_5H_{10}Na_2O_6S_2$
Glutardialdehyde disodium hydrogen sulphite

$C_5H_{10}O$
Cyclopentanol
Diethyl ketone
2-Methylbutene-(3)-ol-(2)
2-Methylbutyraldehyde
Methyl *n*-propyl ketone
Methyl *iso*-propyl ketone
2-Methyltetrahydrofuran
Pivalaldehyde
Tetrahydropyran
iso-Valeraldehyde
n-Valeraldehyde

$C_5H_{10}O_2$
Ethyl propionate
2-Hydroxy-2-methylbutanone-(3)
2-Methoxytetrahydrofuran
Methyl butyrate
Methyl *iso*-butyrate
DL-2-Methylbutyric acid
Tetrahydrofurfuryl alcohol
Valeric acid
iso-Valeric acid

$C_5H_{10}O_2S$
3-Methylsulpholane

$C_5H_{10}O_3$ Diethyl carbonate Ethyl lactate 2-Methoxy-1,4-dioxan	$C_5H_{12}N_2O_2$ <i>tert.</i> -Butyl carbazate	C_6BrF_{13} Perfluorohexyl bromide
$C_5H_{10}O_4$ 2-Deoxy-D-ribose Glycerol-1-monoacetate	$C_5H_{12}N_2S$ Tetramethylthiourea	C_6Br_6 Hexabromobenzene
$C_5H_{10}O_5$ D(-)-Arabinose DL-Arabinose L(+)-Arabinose D(-)-Lyxose D(-)-Ribose D(+)-Xylose	$C_5H_{12}O$ Amyl alcohol 2,2-Dimethylpropanol-(1) 2-Methyl-2-butanol 2-Methylbutanol-(2) 3-Methylbutanol-(1) 3-Methylbutanol-(2) Pentanol-(1) Pentanol-(2) Pentanol-(3)	C_6ClF_5 Chloropentafluorobenzene
$C_5H_{11}BF_3N$ Boron trifluoride-piperidine-complex	$C_5H_{12}O_2$ 2,2-Dimethoxypropane 2,2-Dimethylpropanediol-(1,3) Pentenediol-(1,5)	C_6ClF_{13} Perfluorohexyl chloride
$C_5H_{11}Br$ 1-Bromo-2,2-dimethylpropane 1-Bromo-3-methylbutane 1-Bromopentane 2-Bromopentane	$C_5H_{12}O_3$ Diethylene glycol monomethyl ether Trimethyl orthoacetate	$C_6ClF_{13}S$ Perfluorohexanesulphenyl chloride
$C_5H_{11}Cl$ 1-Chloropentane	$C_5H_{12}O_4$ Pentaerythritol Tetramethyl orthocarbonate	$C_6Cl_2HgO_4$ Chloranilic acid mercury salt
$C_5H_{11}Cl_2N_3$ Histamine dihydrochloride	$C_5H_{12}O_5$ Adonitol(ribitol) D(+)-Arabitol L(-)-Arabitol Xylitol	$C_6Cl_4O_2$ p-Chloranil o-Chloranil
$C_5H_{11}J$ 1-Iodo-3-methylbutane 1-Iodopentane 2-Iodopentane	$C_5H_{12}S_2$ 1,5-Pentanedithiol	$C_6Cl_5NO_2$ Quintozone
$C_5H_{11}N$ Cyclopentylamine Piperidine	$C_5H_{13}ClN_2O_2$ L(+)-Ornithine monohydrochloride	C_6Cl_5NaO Sodium pentachlorophenolate
$C_5H_{11}NO$ N,N-Diethylformamide 1-Hydroxypiperidine 3-Hydroxypiperidine 4-Hydroxypiperidine N-Methylmorpholine	$C_5H_{13}Cl_2N$ N-(2-Chloropropyl)-N,N-dimethylammonium chloride	C_6Cl_6 HCB
$C_5H_{11}NO_2$ <i>iso</i> -Amyl nitrite D(-)-Valine L(+)-Valine DL-Valine	$C_5H_{13}N$ N-Methylbutylamine Neopentylamine Pentylamine <i>iso</i> -Pentylamine	C_6CrO_6 Chromcarbonyl
$C_5H_{11}NO_2S$ S-Ethyl-L-cysteine D(-)-Methionine L(+)-Methionine DL-Methionine	$C_5H_{13}NO$ 5-Amino-1-pentanol 1-Dimethylaminopropanol-(2) 3-Dimethylaminopropanol-(1) 3-Ethoxypropylamine	C_6D_5Br Bromobenzene- d_5
$C_5H_{11}NO_3$ <i>iso</i> -Amyl nitrate	$C_5H_{13}NOSi$ N-(Trimethylsilyl)acetamide	$C_6D_5NO_2$ Nitrobenzene- d_5
$C_5H_{11}NO_3S$ DL-Methionine sulphoxide L-Methionine sulphoxide	$C_5H_{13}NO_2$ N,N-Dimethylformamide dimethyl acetal N-Methyldiethanolamine	C_6D_6 Benzene- d_6
$C_5H_{11}NO_4S$ L-Methionine sulphone	$C_5H_{13}N_3$ N,N,N',N'-Tetramethylguanidine	C_6D_{12} Cyclohexane- d_{12}
C_5H_{12} Pentane <i>iso</i> -Pentane <i>n</i> -Pentane	$C_5H_{14}ClNO$ Choline chloride	$C_6D_{18}N_3OP$ Hexamethylphosphoric triamide- d_{18}
$C_5H_{12}ClN$ Piperidinium chloride	$C_5H_{14}ClN_3$ 1,1-Diethylguanidine hydrochloride	C_6F_5J Pentafluoroiodobenzene
$C_5H_{12}ClNO_2$ Ethyl-L-alaninate hydrochloride Ethyl DL-alaninate hydrochloride Ethyle β -alaninate hydrochloride	$C_5H_{14}CIN_3O$ Girard's reagent T	C_6F_6 Hexafluorobenzene
$C_5H_{12}NO_3PS_2$ Dimethoat	$C_5H_{14}JNO$ Choline iodide	$C_6F_9O_6Ti$ Thallium(III) trifluoroacetate
$C_5H_{12}N_2$ 1-Methylpiperazine 2-Methylpiperazine	$C_5H_{14}N_2$ 3-Dimethylaminopropylamine Pentamethylenediamine	$C_6F_{10}O_3$ Perfluoropropionic anhydride
$C_5H_{12}N_2O$ Tetramethylurea	$C_5H_{15}NO_2$ Choline solution	C_6F_{12} Perfluoropropene
	$C_6BaCl_2O_4 \cdot 3H_2O$ Chloranilic acid barium salt trihydrate	$C_6F_{13}J$ Perfluorohexyl iodide
	C_6BrF_6 Bromopentafluorobenzene	$C_6F_{13}KO_3S$ Perfluorohexanesulphonic acid potassium salt

C₆HF₅O Pentafluorophenol	C₆H₃Cl₂NO₂ 2,4-Dichloronitrobenzene 2,5-Dichloronitrobenzene 3,5-Dichloronitrobenzene	C₆H₄ClI 2-Chloriodobenzene 4-Chloriodobenzene
C₆HF₅S Pentafluorothiophenol	C₆H₃Cl₂NO₃ 2,4-Dichloro-6-nitrophenol 2,6-Dichloro-4-nitrophenol	C₆H₄ClJO₂S 4-Iodobenzenesulphonyl chloride
C₆HF₁₃ 1H-Perfluorohexane	C₆H₃Cl₃ 1,2,3-Trichlorobenzene	C₆H₄ClNO₂ 2-Chloronicotinic acid 1-Chloro-3-nitrobenzene 2-Chloronitrobenzene 4-Chloronitrobenzene
C₆HF₁₃O₃S Perfluorohexanesulphonic acid solution	C₆H₃Cl₃O 2,3,4-Trichlorophenol 2,3,5-Trichlorophenol 2,3,6-Trichlorophenol 2,4,6-Trichlorophenol	C₆H₄ClNO₃ 2-Chloro-4-nitrophenol 4-Chloro-2-nitrophenol
C₆H₂Br₂ClNO 2,6-Dibromoquinone-4-chlorimide	C₆H₃Cl₄N 2,3,4,5-Tetrachloroaniline 2,3,5,6-Tetrachloroaniline	C₆H₄ClNO₄S 4-Nitrobenzene sulphonylchloride
C₆H₂ClF₃O (Perfluorobutyl)-acetyl chloride	C₆H₃FN₂O₄ 2,4-Dinitrofluorobenzene	C₆H₄CIN₃ 5-Chlorobenzotriazole
C₆H₂Cl₂O₄ Chloranilic acid	C₆H₃F₂NO₂ 2,4-Difluoronitrobenzene 2,5-Difluoronitrobenzene	C₆H₄Cl₂ 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene
C₆H₂Cl₃F 2,4,5-Trichlorofluorobenzene	C₆H₃F₃ 1,2,4-Trifluorobenzene	C₆H₄Cl₂N₂O₂ Dichloran 2,6-Dichloro-4-nitroaniline 4,5-Dichloro-2-nitroaniline
C₆H₂Cl₃NO 2,6-Dichloroquinone-4-chlorimide	C₆H₃F₄N 2,3,5,6-Tetrafluoroaniline	C₆H₄Cl₂O 2,3-Dichlorophenol 2,4-Dichlorophenol 2,5-Dichlorophenol 2,6-Dichlorophenol 3,4-Dichlorophenol 3,5-Dichlorophenol
C₆H₂Cl₃NO₂ 2,3,4-Trichloronitrobenzene 2,4,5-Trichloronitrobenzene	C₆H₃JN₂O₄ 2,4-Dinitroiodobenzene	C₆H₄Cl₃N 2,3,4-Trichloroaniline 2,4,5-Trichloroaniline 2,4,6-Trichloroaniline
C₆H₂Cl₄ 1,2,3,4-Tetrachlorobenzene	C₆H₃K₂NO₇S 2-Hydroxy-5-nitrophenyl sulphate dipotassium salt	C₆H₄FJ 2-Fluoriodobenzene 3-Fluoriodobenzene 4-Fluoriodobenzene
C₆H₂Cl₄O₂S 2,4,5-Trichlorobenzenesulphonyl chloride	C₆H₃N₃O₇ Picric acid	C₆H₄FNO₂ 2-Fluoronitrobenzene 3-Fluoronitrobenzene 4-Fluoronitrobenzene
C₆H₂Cl₅N Pentachloroaniline	C₆H₄BF₄N₃O₂ 4-Nitrobenzenediazonium tetrafluoroborate	C₆H₄FNO₃ 2-Fluoro-6-nitrophenol 3-Fluoro-6-nitrophenol
C₆H₂F₂N₂O₄ 1,5-Difluoro-2,4-dinitrobenzene	C₆H₄BrCl 2-Bromochlorobenzene 3-Bromochlorobenzene 4-Bromochlorobenzene	C₆H₄FNO₃ · H₂O 3-Fluoro-4-nitrophenol monohydrate
C₆H₂F₃NO₂ 2,4,5-Trifluoronitrobenzene	C₆H₄BrF 2-Bromofluorobenzene 3-Bromofluorobenzene 4-Bromofluorobenzene	C₆H₄F₂ 1,2-Difluorobenzene 1,3-Difluorobenzene 1,4-Difluorobenzene
C₆H₂F₄ 1,2,3,4-Tetrafluorobenzene	C₆H₄BrJ 4-Bromiodobenzene	C₆H₄F₃J 1H,1H,2H,2H-Perfluorohexyl iodide
C₆H₂F₅N Pentafluoroaniline	C₆H₄BrNO₂ 2-Bromonitrobenzene 3-Bromonitrobenzene	C₆H₄F₃NO₃ 1H,1H,2H,2H-Perfluorohexyl nitrate
C₆H₃BrClNO₂ 4-Bromo-3-chloronitrobenzene	C₆H₄Br₂ 1,2-Dibromobenzene 1,3-Dibromobenzene 1,4-Dibromobenzene	C₆H₄JNO₂ 2-Iodonitrobenzene 3-Iodonitrobenzene 4-Iodonitrobenzene
C₆H₃BrCl₂ 1-Bromo-3,4-dichlorobenzene	C₆H₄Br₂N₂O₂ 2,6-Dibromo-4-nitroaniline	C₆H₄KNO₆S 4-Nitrophenyl sulphate potassium salt
C₆H₃BrFNO₂ 3-Bromo-4-fluoronitrobenzene	C₆H₄Br₂O 2,4-Dibromophenol 2,6-Dibromophenol	C₆H₄NNaO₅S Sodium-3-nitrobenzenesulphonate
C₆H₃Br₂F Dibromofluorobenzene	C₆H₄Br₃N 2,4,6-Tribromoaniline	C₆H₄N₂ Pyridinecarbonitrile-(2) Pyridinecarbonitrile-(3) Pyridinecarbonitrile-(4)
C₆H₃Br₂FO 2,6-Dibromo-4-fluorophenol	C₆H₄CIF 2-Chlorofluorobenzene 3-Chlorofluorobenzene 4-Chlorofluorobenzene	
C₆H₃Br₂NO₂ 2,5-Dibromonitrobenzene	C₆H₄CIFO 2-Chloro-4-fluorophenol	
C₆H₃Br₂NO₃ 2,6-Dibromo-4-nitrophenol	C₆H₄CIFO₂S 4-Fluorobenzenesulphonyl chloride	
C₆H₃Br₃ 1,3,5-Tribromobenzene		
C₆H₃Br₃O 2,4,6-Tribromophenol		
C₆H₃ClFNO₂ 3-Chloro-4-fluoronitrobenzene		
C₆H₃CIN₂O₄ 1-Chloro-2,4-dinitrobenzene		
C₆H₃CIN₂O₄S 2,4-Dinitrobenzenesulphenyl chloride		
C₆H₃Cl₂J 2,3-Dichloriodobenzene 2,4-Dichloriodobenzene 2,5-Dichloriodobenzene		

$C_6H_4N_2O_4$
 1,2-Dinitrobenzene
 1,3-Dinitrobenzene
 1,4-Dinitrobenzene
 2,3-Pyrazinedicarboxylic acid

 $C_6H_4N_2O_5$
 2,4-Dinitrophenol
 2,5-Dinitrophenol
 2,6-Dinitrophenol

 $C_6H_4N_4O_2$
 2,4-Dihydroxypteridine

 $C_6H_4Na_2O_6S_2$
 1,3-Benzenedisulphonic acid disodium salt

 $C_6H_4Na_2O_8S_2 \cdot H_2O$
 Tiron

 $C_6H_4O_2$
 1,4-Benzoquinone

 $C_6H_4O_5$
 Furan-3,4-dicarboxylic acid

 $C_6H_4O_6 \cdot 2H_2O$
 1,4-Tetrahydroxybenzoquinone dihydrate

 C_6H_5Br
 Bromobenzene

 $C_6H_5BrN_2O_2$
 2-Bromo-4-nitroaniline

 C_6H_5BrO
 2-Bromophenol
 3-Bromophenol
 4-Bromophenol

 C_6H_5BrS
 2-Bromothiophenol

 $C_6H_5Br_2N$
 2,4-Dibromoaniline
 2,5-Dibromoaniline
 2,6-Dibromoaniline

 C_6H_5Cl
 Chlorobenzene

 C_6H_5ClFN
 3-Chloro-4-fluoroaniline

 C_6H_5ClHg
 Phenylmercury chloride

 $C_6H_5ClN_2O_2$
 2-Chloro-4-nitroaniline
 2-Chloro-5-nitroaniline
 4-Chloro-3-nitroaniline

 C_6H_5ClO
 2-Chlorophenol
 3-Chlorophenol
 4-Chlorophenol

 $C_6H_5ClO_2$
 Chlorohydroquinone
 4-Chlororesorcinol

 $C_6H_5ClO_2S$
 Benzenesulphonyl chloride

 C_6H_5ClS
 4-Chlorothiophenol

 $C_6H_5Cl_2N$
 2,3-Dichloroaniline
 2,4-Dichloroaniline
 2,5-Dichloroaniline
 2,6-Dichloroaniline
 3,4-Dichloroaniline
 3,5-Dichloroaniline

 $C_6H_5Cl_2P$
 Dichlorophenyl phosphine

 $C_6H_5Cl_3Si$
 Phenyltrichlorosilane

C_6H_5F
 Fluorobenzene

 $C_6H_5FN_2O_2$
 4-Fluoro-2-nitroaniline
 4-Fluoro-3-nitroaniline

 C_6H_5FO
 2-Fluorophenol
 3-Fluorophenol
 4-Fluorophenol

 C_6H_5FS
 4-Fluorothiophenol

 $C_6H_5F_2N$
 2,4-Difluoroaniline
 2,5-Difluoroaniline

 $C_6H_5F_7O_2$
 Ethyl perfluorobutyrate

 $C_6H_5F_9O$
 1H,1H,2H,2H-Perfluorohexanol

 C_6H_5J
 Iodobenzene

 C_6H_5JO
 4-Iodophenol

 $C_6H_5K_3O_7 \cdot H_2O$
 Potassium citrate

 C_6H_5NO
 Nitrosobenzene
 Pyridylaldehyde-(2)
 Pyridylaldehyde-(3)
 Pyridylaldehyde-(4)

 $C_6H_5NO_2$
 Nicotinic acid
 Nitrobenzene
 4-Nitrosophenol
 2-Pyridinecarboxylic acid
 4-Pyridinecarboxylic acid

 $C_6H_5NO_3$
 2-Hydroxypyridine-5-carboxylic acid
 2-Nitrophenol
 3-Nitrophenol
 4-Nitrophenol

 $C_6H_5NO_4$
 4-Nitropyrocatechol

 $C_6H_5N_3$
 Benzotriazole

 $C_6H_5N_3O$
 1-Hydroxybenzotriazole

 $C_6H_5N_3O_4$
 2,4-Dinitroaniline
 2,6-Dinitroaniline

 $C_6H_5NaO_4S \cdot 2H_2O$
 4-Hydroxybenzenesulphonic acid sodium salt dihydrate

 $C_6H_5Na_2O_4P \cdot 2H_2O$
di-Sodium phenylphosphate dihydrate

 $C_6H_5Na_3O_7 \cdot 2H_2O$
tri-Sodium citrate dihydrate
tri-Sodium-DL-*iso*-citrate dihydrate

 $C_6H_5Na_3O_7 \cdot 5,5H_2O$
tri-Sodium citrate-5,5-hydrate

 C_6H_6
 Benzene

 $C_6H_6AsNO_6$
 2-Nitrophenol-4-arsonic acid

 C_6H_6BrN
 2-Bromoaniline
 3-Bromoaniline
 4-Bromoaniline

C_6H_6ClN
 2-Chloroaniline
 3-Chloroaniline
 4-Chloroaniline
 2-Chloro-4-methylpyridine
 2-Chloro-6-methylpyridine

 C_6H_6ClNO
 2-Amino-4-chlorophenol
 2-Chloro-6-methoxypyridine

 $C_6H_6ClNO_2S$
 4-Chlorobenzenesulphonamide

 $C_6H_6Cl_2N_2$
 2,5-Dichlorophenylhydrazine

 $C_6H_6Cl_6$
 α -HCH
 β -HCH
 δ -HCH
 Lindane

 C_6H_6FN
 2-Fluoroaniline
 3-Fluoroaniline
 4-Fluoroaniline

 $C_6H_6FNO_2S$
 4-Fluorobenzenesulphonamide

 $C_6H_6F_6O$
 (2H-Perfluoropropyl)-propen-(2)-ylether

 C_6H_6JN
 2-Iodoaniline
 3-Iodoaniline
 4-Iodoaniline

 $C_6H_6N_2O$
 Ethoxymethylene-malonic acid dinitrile
 Nicotinamide
iso-Nicotinamide
 Pyridine-2-aldoxime
 Pyridine-4-aldoxime

 $C_6H_6N_2O_2$
 2-Nitroaniline
 3-Nitroaniline
 4-Nitroaniline

 $C_6H_6N_2O_3$
 2-Amino-4-nitrophenol
 2-Amino-5-nitrophenol

 $C_6H_6N_2O_2 \cdot 2H_2O$
 Imidazole-4-acrylic acid dihydrate

 $C_6H_6N_2S$
 Thionicotinamide

 $C_6H_6N_4O_4$
 2,4-Dinitrophenylhydrazine

 $C_6H_6Na_2O_7$
di-Sodium hydrogen citrate

 C_6H_6O
 Phenol

 C_6H_6OS
 2-Acetylthiophen

 $C_6H_6O_2$
 Hydroquinone
 Pyrocatechol
 Resorcinol

 $C_6H_6O_3$
 3-Hydroxy-2-methyl-1,4-pyrone
 Pyrogallol

 $C_6H_6O_3 \cdot 2H_2O$
 Phloroglucinol dihydrate

 $C_6H_6O_3S \cdot H_2O$
 Benzenesulphonic acid monohydrate

 $C_6H_6O_4$
 Dimethyl acetylenedicarboxylate
 Kojic acid

$C_6H_6O_6$ <i>trans</i> -Aconitic acid <i>cis</i> -Aconitine (±)- <i>iso</i> -Citric acid lactone Dehydroascorbic acid	$C_6H_8Br_2F_4$ 1,6-Dibromo-1,1,2,2-tetrafluorohexane	$C_6H_9D_4NaO_2Si$ 3-(Trimethylsilyl)-propionic acid-d ₄ sodium salt
C_6H_6S Thiophenol	$C_6H_8CaO_8 \cdot 4H_2O$ Calcium-D-saccharate	C_6H_9NO N-Vinylpyrrolidone-(2)
$C_6H_7AsO_3$ Phenylarsonic acid	$C_6H_8ClFN_2$ 3-Fluorophenylhydrazinium chloride 4-Fluorophenylhydrazinium chloride	$C_6H_9NO_2S$ N-Acetyl-DL-homocysteine thiolactone
$C_6H_7BO_2$ Benzeneboronic acid	C_6H_8ClN Aniline chloride	$C_6H_9NO_6$ IDRANAL® I
$C_6H_7ClN_2$ 4-Chloro-1,2-diaminobenzene 4-Chloro-1,3-diaminobenzene	C_6H_8ClNO 4-Aminophenol hydrochloride	$C_6H_9N_3$ 2-Amino-4,6-dimethylpyrimidine 3,3'-Iminodipropionitrile
$C_6H_7FN_2$ 1,2-Diamino-4-fluorobenzene	$C_6H_8ClN_3O_2$ 3-Nitrophenylhydrazinium chloride 4-Nitrophenylhydrazinium chloride	$C_6H_9N_3O_2$ Cupferron L(-)-Histidine
$C_6H_7F_3O_3$ Ethyl 4,4,4-trifluoroacetoacetate	$C_6H_8ClN_3O_4S_2$ 3-Chloroaniline-4,6-disulphonamide	$C_6H_9NaO_3$ Ethyl acetoacetate, sodium derivative
$C_6H_7KO_7$ Potassium dihydrogen citrate	$C_6H_8Cl_2N_2$ 2-Chlorophenylhydrazinium chloride 3-Chlorophenylhydrazinium chloride 4-Chlorophenylhydrazinium chloride	$C_6H_9O_6Ti \cdot 1\frac{1}{2} H_2O$ Thallium(III) acetate sesquihydrate
C_6H_7N Aniline 2-Picoline 3-Picoline 4-Picoline	$C_6H_8Cl_2O_2$ Adipoyl dichloride	C_6H_{10} Cyclohexene Hexyne-(1) Hexyne-(2) Hexyne-(3)
C_6H_7NO 2-Acetylpyrrole 2-Aminophenol 3-Aminophenol 4-Aminophenol 2-Hydroxy-6-methylpyridine 4-(Hydroxymethyl)-pyridine 2-Methoxypyridine 3-Methylpyridine 1-oxide N-Methylpyrrolaldehyde-(2) Pyridyl-(2)-methanol Pyridyl-(3)-methanol	$C_6H_8N_2$ Adipodinitrile 2-Amino-3-methylpyridine 2-Amino-4-methylpyridine 2-Amino-5-methylpyridine 2-Amino-6-methylpyridine 1,2-Phenylenediamine 1,3-Phenylenediamine Phenylhydrazine 3-Picolylamine	$C_6H_{10}BrNO$ N-Bromocaprolactame
$C_6H_7NO_2$ N-Ethylmaleimide	$C_6H_8N_2O$ Bis-(2-cyanoethyl)ether	$C_6H_{10}Br_2$ (±)- <i>trans</i> -1,2-Dibromocyclohexane
$C_6H_7NO_2S$ Benzenesulphonamide	C_6H_8O 2-Cyclohexen-1-one	$C_6H_{10}Br_2O$ 2-Bromo-2-ethylbutyryl bromide
$C_6H_7NO_3S$ Metanilic acid Sulphanilic acid	$C_6H_8O_2$ 1,2-Cyclohexanedione 1,4-Cyclohexanedione 2-Methylcyclopentanedione-(1,3) Sorbic acid	$C_6H_{10}CaO_4$ Calcium propionate
$C_6H_7NO_4S$ 2-Aminophenol-4-sulphonic acid	$C_6H_8O_3$ 2-Acetylbutyrolactone	$C_6H_{10}CaO_6 \cdot xH_2O$ Calcium lactate
$C_6H_7N_2NaO_3$ Sodium monoethylbarbiturate	$C_6H_8O_4$ Allylmalonic acid Meldrum's acid	$C_6H_{10}ClN_3O_2 \cdot H_2O$ L(+)-Histidine monohydrochloride monohydrate
$C_6H_7N_3O$ 6-Aminonicotinamide <i>iso</i> -Nicotinic acid hydrazide	$(C_6H_8O_4)_n$ Ethylene glycol succinate	$C_6H_{10}Cl_2N_2$ 1,2-Phenylenediammonium dichloride 1,3-Phenylenediammonium dichloride 1,4-Phenylenediammonium dichloride
$C_6H_7N_3O_2$ 2,5-Diaminonitrobenzene 2-Nitrophenylhydrazine 4-Nitrophenylhydrazine	$C_6H_8O_6$ L(+)-Ascorbic acid D(+)-Glucuronic acid-γ-lactone	$C_6H_{10}Cl_2N_2O$ 2,4-Diaminophenol dihydrochloride
$C_6H_7N_5$ 6-Methylaminopurine	$(C_6H_8O_6)_n$ Alginic acid	$C_6H_{10}FNO_4$ 5-Methyl 4-fluoroglutamate
$C_6H_7NaO_7$ Sodium dihydrogen citrate	$C_6H_8O_7$ Citric acid	$C_6H_{10}F_4O_2$ Ethylglycol tetrafluoroethyl ether
C_6H_8 1,3-Cyclohexadiene 1,4-Cyclohexadiene	$C_6H_8O_7 \cdot H_2O$ Citric acid monohydrate	$C_6H_{10}MnO_6 \cdot 3H_2O$ Manganese(II) lactate trihydrate
$C_6H_7AsNO_3$ 2-Arsanilic acid 4-Arsanilic acid	$C_6H_5ClN_2$ Phenylhydrazinium chloride	$C_6H_{10}N_2O_2$ 1,2-Cyclohexanedionedioxime Sarcosine anhydride
$C_6H_8BrClN_2$ 4-Bromophenylhydrazinium chloride	C_6H_5ClO 2-Chlorocyclohexanone	$C_6H_{10}N_2O_4$ Diethyl azodicarboxylate
	$C_6H_5ClO_3$ Ethyl 2-chloroacetoacetate Ethyl 4-chloroacetoacetate	$C_6H_{10}N_2O_5$ N-(2-Acetamido)-iminodiacetic acid
		$C_6H_{10}O$ Allylacetone Cyclohexanone Cyclohexene oxide 2-Ethylbuten-(2)-al 2-Hexene-(1)-al Mesityl oxide 3-Methylpentin-(1)-ol-(3)

$C_6H_{10}O_2$
Allylglycide ether
 ϵ -Caprolactone
Cyclopentanecarboxylic acid
Ethyl crotonate
Ethyl methacrylate
2,5-Hexanedione
Methyl 3-methylbutenate-2

$C_6H_{10}O_3$
Ethyl acetoacetate
Propionic anhydride

$C_6H_{10}O_4$
Adipic acid
Diethyl oxalate
Dimethyl succinate
2,3-Dimethylsuccinic acid
2-Methylglutaric acid

$C_6H_{10}O_4S$
3,3'-Thiodipropionic acid

$(C_6H_{10}O_5)_n$
Dextran MG 40000
Dextran MG 70000
Dextran MG 110000

$C_6H_{10}O_6$
Dimethyl (+)-tartrate
D(+)-Gluconic acid- δ -lactone

$C_6H_{10}O_7 \cdot H_2O$
D(+)-Galacturonic acid monohydrate

$C_6H_{10}O_8$
Mucic acid

$C_6H_{10}S_2$
Diallyl disulphide

$C_6H_{11}BaO_3P$
D-Fructose-1-monophosphoric acid barium salt
D-Fructose-6-phosphoric acid barium salt

$C_6H_{11}BaO_3P \cdot 7H_2O$
D-Glucose-6-phosphoric acid barium salt

$C_6H_{11}Br$
6-Bromo-1-hexene
Cyclohexyl bromide

$C_6H_{11}BrO_2$
2-Bromocaproic acid
tert.-Butyl bromoacetate
Ethyl 2-bromobutyrate
Ethyl 2-bromo-*iso*-butyrate
Ethyl 4-bromobutyrate

$C_6H_{11}BrO_3$
Ethylglycol bromoacetate

$C_6H_{11}Cl$
Cyclohexyl chloride

$C_6H_{11}ClO_2$
tert.-Butyl chloroacetate
Ethyl 4-chlorobutyrate

$C_6H_{11}J$
Iodocyclohexane

$C_6H_{11}KO_7$
Gluconic acid potassium salt

$C_6H_{11}N$
Capronitrile
Diallylamine

$C_6H_{11}NO$
 ϵ -Caprolactam
1-Methyl-4-piperidinone
1-Piperidinecarbaldehyde

$C_6H_{11}NO_2$
4-Acetylmorpholine
4-Piperidinecarboxylic acid

$C_6H_{11}NS$
Thiocaprolactame

$C_6H_{11}N_2O_4PS_3$
Methidiathion

$C_6H_{11}NaO_2$
Sodium caproate

$C_6H_{11}NaO_7$
Gluconic acid sodium salt

$C_6H_{11}Na_2O_9P \cdot 4H_2O$
D-Glucose-1-phosphoric acid disodium salt

$C_6H_{11}Na_3O_{12}P_2$
D-Fructose-1,6-diphosphoric acid trisodium salt

C_6H_{12}
Cyclohexane
2,3-Dimethyl-2-butene
3,3-Dimethyl-1-butene
1-Hexene
2-Hexene
cis-2-Hexene
trans-2-Hexene
trans-3-Hexene
Methylcyclopentane
2-Methyl-1-pentene
2-Methyl-2-pentene
3-Methyl-1-pentene
cis-3-Methyl-2-pentene
trans-3-Methyl-2-pentene
3-Methyl-2-pentene
4-Methyl-1-pentene
cis-4-Methyl-2-pentene
trans-4-Methyl-2-pentene

$C_6H_{12}Br_2$
1,6-Dibromohexane

$C_6H_{12}Cl_2$
1,1-Dichloro-3,3-dimethylbutane
1,6-Dichlorohexane

$C_6H_{12}FeN_3O_{12} \cdot 3H_2O$
Ammonium iron(III) oxalate

$C_6H_{12}N_2$
1,4-Diazabicyclo[2,2,2]octane
Diethylaminoacetonitrile

$C_6H_{12}N_2OS$
N-Allyl-N'-(2-hydroxyethyl)thiourea

$C_6H_{12}N_2O_3$
Succinic acid mono-(2,2-dimethylhydrazide)

$C_6H_{12}N_2O_4S_2$
L(-)-Cystine

$C_6H_{12}N_2S_4$
TMTD

$C_6H_{12}N_2S_4Zn$
Ziram

$C_6H_{12}N_4$
Hexamethylenetetramine

$C_6H_{12}O$
Butyl vinyl ether
iso-Butylvinyl ether
Capronaldehyde
Cyclohexanol
Ethyl *iso*-propyl ketone
Hexamethylene oxide
Hexanone-(2)
Hexanone-(3)
2-Hexene-4-ol
5-Hexene-(1)-ol
Methyl *iso*-butyl ketone
1-Methylpentanal

$C_6H_{12}O_2$
n-Butyl acetate
n-Caproic acid
trans-1,2-Cyclohexanediol
cis,trans-1,2-Cyclohexanediol
1,4-Cyclohexanediol
Diacetone alcohol
3,3-Dimethylbutyric acid
Ethyl butyrate
Ethyl *iso*-butyrate
2-Ethylbutyric acid
2-Hydroxymethyltetrahydropyran
Methyl pivalate
Methyl valerate

$C_6H_{12}O_2S$
2,4-Dimethylsulpholane

$C_6H_{12}O_3$
Acetoacetaldehyde-1-dimethylacetal
cis,trans-2,5-Dimethoxytetrahydrofuran
Paraldehyde

$C_6H_{12}O_4$
D(+)-Digitoxose

$C_6H_{12}O_5$
2-Deoxy-D-glucose
D(+)-Fucose
L(-)-Fucose

$C_6H_{12}O_5 \cdot H_2O$
 α -L(+)-Rhamnose monohydrate

$C_6H_{12}O_6$
D-Fructose
D(+)-Galactose
meso-Inositol
D(+)-Mannose
L(-)-Sorbitol
D-Tagatose

$C_6H_{12}O_6 \cdot H_2O$
D(+)-Glucose monohydrate

$C_6H_{12}S$
Cyclohexanethiol

$C_6H_{13}Br$
1-Bromohexane
3-Bromohexane

$C_6H_{13}BrO_2$
Bromoacetaldehyde diethyl acetal

$C_6H_{13}Cl$
1-Chlorohexane

$C_6H_{13}ClO$
6-Chloro-1-hexanol

$C_6H_{13}Cl_2N$
N-(2-Chloroethyl)-pyrrolidine hydrochloride

$C_6H_{13}Cl_2NO$
4-(2-Chloroethyl)morpholinium chloride

$C_6H_{13}J$
1-Iodohexane

$C_6H_{13}N$
Cyclohexylamine
Hexamethylenimine
1-Methylpiperidine
2-Methylpiperidine
3-Methylpiperidine
4-Methylpiperidine

$C_6H_{13}NO$
N,N-Diethylacetamide
N-Ethylmorpholine
1-Methyl-3-piperidinol
1-Methyl-4-piperidinol

$C_6H_{13}NO_2$
6-Aminocaproic acid
N-(2-Hydroxyethyl)-morpholine
D(-)-Leucine
DL-Leucine
DL-*iso*-Leucine
L(+)-Leucine
L(+)-*iso*-Leucine
L(+)-Norleucine

C₆H₁₃NO₂S DL-Ethionine	C₆H₁₄S₂ 1,6-Hexanedithiol	C₇F₁₄ Perfluoromethylcyclohexane
C₆H₁₃NO₃S Cyclohexanesulphamic acid	C₆H₁₅BF₃NO₃ Boron trifluoride-triethanolamine-complex	C₇HF₆O Pentafluorobenzaldehyde
C₆H₁₃N₃O₃ L(+)-Citrulline	C₆H₁₅BF₄O Triethyloxonium tetrafluoroborate	C₇HF₆O₂ Pentafluorobenzoic acid
C₆H₁₃N₅O₄ N ^ω -Nitro-L-arginine	C₆H₁₅CIN₂O₂ Carbamoylcholine chloride L(+)-Lysine monohydrochloride	C₇HF₁₃O₂ Perfluoroheptanoic acid
C₆H₁₄ 2,2-Dimethylbutane 2,3-Dimethylbutane <i>n</i> -Hexane Hexane 2-Methylpentane 3-Methylpentane	C₆H₁₅CIN₄O₂ D(-)-Arginine monohydrochloride DL-Arginine monohydrochloride L(+)-Arginine monohydrochloride	C₇H₂BrF₅ α-Bromo-2,3,4,5,6-pentafluorotoluene
C₆H₁₄CINO₂ L-Valine methyl ester hydrochloride	C₆H₁₅N Dipropylamine Di- <i>iso</i> -propylamine Hexylamine Triethylamine	C₇H₂ClF₃N₂O₄ 2-Chloro-3,5-dinitrobenzotrifluoride 4-Chloro-3,5-dinitrobenzotrifluoride
C₆H₁₄CINO₂S Methyl L-methioninate hydrochloride	C₆H₁₅NO N,N-Diethylethanolamine 2-Dimethylamino-2-methylpropanol-(1)	C₇H₂CIN₃O₄ 4-Chloro-3,5-dinitrobenzonitrile
C₆H₁₄CINO₅ D-Galactosamine hydrochloride α-D(+)-Glucosamine hydrochloride	C₆H₁₅NO₂ Aminoacetaldehyde diethyl acetal N,N-Dimethylacetamide dimethyl acetal Di- <i>iso</i> -propanolamine	C₇H₃BrFN 3-Bromo-4-fluorobenzonitrile
C₆H₁₄N₂ 2,5-Dimethylpiperazine	C₆H₁₅NO₃ Triethanolamine	C₇H₃ClFN 2-Chloro-6-fluorobenzoic acid nitrile
C₆H₁₄N₂O N-(2-Hydroxyethyl)piperazine	C₆H₁₅NO₅S N,N-Bis-(2-hydroxyethyl)-2-aminoethanesulphonic acid	C₇H₃ClF₃J 4-Chloro-3-iodobenzotrifluoride
C₆H₁₄N₂O₂ · H₂O L(+)-Lysine monohydrate	C₆H₁₅O₃P Di- <i>iso</i> -propyl phosphite Triethyl phosphite	C₇H₃ClF₃NO₂ 4-Chloro-3-nitrobenzotrifluoride 5-Chloro-2-nitrobenzotrifluoride
C₆H₁₄N₂O₇ <i>di</i> -Ammonium hydrogen citrate	C₆H₁₅O₅PS₂ Demeton-S-methylsulfon	C₇H₃CIN₂O₅ 3,5-Dinitrobenzoyl chloride
C₆H₁₄N₄O₂ L(+)-Arginine DL-Arginine	C₆H₁₆AlNaO₄ Sodiumaluminiumbis-(2-methoxyethoxy)-dihydride	C₇H₃CIN₂O₆ 4-Chloro-3,5-dinitrobenzoic acid
C₆H₁₄N₈O₆S 3,4-Diamino-5-hydroxypyrazole sulphate	C₆H₁₆N₂ 2-Diethylaminoethylamine Hexamethylenediamine N,N,N',N'-Tetramethylethylenediamine	C₇H₃Cl₂N Dichlobenil 2,6-Dichlorobenzonitrile
C₆H₁₄O 2,3-Dimethylbutanol-(2) Di- <i>iso</i> -propyl ether 2-Ethylbutanol-(1) 1-Hexanol 2-Hexanol 3-Hexanol 2-Methylpentanol-(2) 2-Methylpentanol-(3) 3-Methylpentanol-(3) 4-Methylpentanol-(1) 4-Methylpentanol-(2)	C₆H₁₇N₃ 3,3'-Diaminodipropylamine	C₇H₃Cl₂NO 3,4-Dichlorophenyl <i>iso</i> -cyanate
C₆H₁₄O₂ Acetaldehyde diethyl acetal 1,2-Diethoxyethane 2,3-Dimethylbutanediol-(2,3) Ethylene glycol monobutyl ether 1,6-Hexanediol 2-Methylpentanediol-(2,4)	C₆H₁₈N₃OP Hexamethylphosphoric triamide	C₇H₃Cl₃O 2,4-Dichlorobenzoyl chloride 3,4-Dichlorobenzoyl chloride
C₆H₁₄O₃ Aldoldimethylacetal Diethylene glycol dimethyl ether Diethylene glycol monoethyl ether Dipropylene glycol 1,2,6-Hexanetriol 2-Hydroxyacetaldehyde diethylacetal 1,1,1-Tris-(hydroxymethyl)-propane	C₆H₁₈N₄ Triethylenetetramine	C₇H₃Cl₄F 2-Chloro-6-fluorobenzotrichloride
C₆H₁₄O₄ Triethylene glycol	C₆H₁₈OSi₂ Hexamethyldisiloxane	C₇H₃F₄NO₂ 2-Fluoro-5-nitrobenzotrifluoride
C₆H₁₄O₆ Dulcitol D(-)-Mannitol D(-)-Sorbitol Sorbitol	C₆H₁₉NSi₂ Hexamethyldisilazane	C₇H₃F₅ 2,3,4,5,6-Pentafluorotoluene
C₆H₁₄S 1-Hexanethiol	C₆MoO₆ Molybdenumhexacarbonyl	C₇H₃F₅O 2,3,4,5,6-Pentafluoroanisole
	C₆N₄ Tetracyanoethylene	C₇H₃F₁₃O 1H,1H-Perfluoroheptanol
	C₆Na₂O₆ Sodium rhodizionate	C₇H₃J₂NO Ioxynil
	C₇D₈ Toluene-d ₈	C₇H₄BrClO 2-Bromobenzoyl chloride 3-Bromobenzoyl chloride 4-Bromobenzoyl chloride
	C₇D₁₄ Methylcyclohexane-d ₁₄	C₇H₄BrFO 3-Bromo-4-fluorobenzaldehyde
	C₇F₅N Pentafluorobenzonitrile	C₇H₄BrFO₂ 3-Bromo-4-fluorobenzoic acid
	C₇F₅NS Pentafluorophenyl isothiocyanate	C₇H₄BrF₃ 2-Bromobenzotrifluoride 3-Bromobenzotrifluoride 4-Bromobenzotrifluoride
		C₇H₄BrN 3-Bromobenzonitrile 4-Bromobenzonitrile
		C₇H₄BrNO₃S N-Bromosaccharin

C_7H_4BrNS
4-Bromophenyl *iso*-thiocyanate

$C_7H_4Br_2O_2$
2,5-Dibromobenzoic acid
3,5-Dibromo-4-hydroxybenzaldehyde

$C_7H_4Br_2O_3$
3,5-Dibromosalicylic acid

C_7H_4ClFO
2-Chloro-6-fluorobenzaldehyde
2-Fluorobenzoyl chloride
3-Fluorobenzoyl chloride
4-Fluorobenzoyl chloride

$C_7H_4ClFO_2$
2-Chloro-6-fluorobenzoic acid

$C_7H_4ClF_3$
2-Chlorobenzotrifluoride
3-Chlorobenzotrifluoride
4-Chlorobenzotrifluoride

$C_7H_4ClHgNaO_2$
4-(Chloromercuri)benzoic acid sodium salt

C_7H_4ClN
2-Chlorobenzonitrile
3-Chlorobenzonitrile
4-Chlorobenzonitrile

C_7H_4ClNO
3-Chlorophenyl *iso*-cyanate
4-Chlorophenyl *iso*-cyanate

$C_7H_4ClNO_3$
2-Nitrobenzoyl chloride
3-Nitrobenzoyl chloride
4-Nitrobenzoyl chloride

$C_7H_4ClNO_4$
2-Chloro-4-nitrobenzoic acid
2-Chloro-5-nitrobenzoic acid
4-Chloro-2-nitrobenzoic acid
4-Chloro-3-nitrobenzoic acid
4-Nitrophenyl chloroformate

C_7H_4ClNS
4-Chlorophenyl *iso*-thiocyanate

$C_7H_4Cl_2O$
2-Chlorobenzoyl chloride
3-Chlorobenzoyl chloride
4-Chlorobenzoyl chloride
2,4-Dichlorobenzaldehyde
2,6-Dichlorobenzaldehyde
3,4-Dichlorobenzaldehyde

$C_7H_4Cl_2O_2$
2,4-Dichlorobenzoic acid
2,5-Dichlorobenzoic acid
2,6-Dichlorobenzoic acid
3,4-Dichlorobenzoic acid
3,5-Dichlorobenzoic acid

$C_7H_4Cl_3F$
2-Chloro-6-fluorobenzal chloride

$C_7H_4Cl_4$
4-Chlorobenzotrichloride
2,6-Dichlorobenzal chloride

C_7H_4FN
2-Fluorobenzonitrile
3-Fluorobenzonitrile
4-Fluorobenzonitrile

$C_7H_4FNO_3$
3-Fluoro-6-nitrobenzaldehyde
4-Fluoro-2-nitrobenzaldehyde

C_7H_4FNS
4-Fluorophenyl *iso*-thiocyanate

$C_7H_4F_3NO_2$
2-Nitrobenzotrifluoride
3-Nitrobenzotrifluoride

$C_7H_4F_4$
3-Fluorobenzotrifluoride

$C_7H_4I_2O_3$
3,5-Diiodo-2-hydroxybenzoic acid

$C_7H_4NNaO_4$
3-Nitrobenzoic acid sodium salt

$C_7H_4N_2O_2$
2-Nitrobenzonitrile
3-Nitrobenzonitrile
4-Nitrobenzonitrile

$C_7H_4N_2O_5$
2,4-Dinitrobenzaldehyde

$C_7H_4N_2O_6$
3,5-Dinitrobenzoic acid
3,4-Dinitrobenzoic acid

$C_7H_4N_2O_7 \cdot H_2O$
3,5-Dinitrosalicylic acid monohydrate

$C_7H_4Na_2O_7S_2 \cdot H_2O$
Benzaldehyde-2,4-disulphonic acid disodium salt dihydrate

$C_7H_5BrClNO_2$
2-Chloro-6-nitrobenzyl bromide

$C_7H_5BrCl_2$
2,6-Dichlorobenzyl bromide

$C_7H_5BrFNO_2$
2-Fluoro-6-nitrobenzyl bromide

C_7H_5BrO
2-Bromobenzaldehyde
3-Bromobenzaldehyde
4-Bromobenzaldehyde

$C_7H_5BrO_2$
2-Bromobenzoic acid
3-Bromobenzoic acid
4-Bromobenzoic acid

$C_7H_5BrO_3$
5-Bromosalicylic acid

$C_7H_5BrO_4$
5-Bromo-2,4-dihydroxybenzoic acid

$C_7H_5Br_2Cl$
2-Chlorobenzal bromide
3-Chlorobenzal bromide
4-Chlorobenzal bromide

$C_7H_5Br_3Hg$
Phenyl-(tribromomethyl)-mercury

$C_7H_5ClFNO_2$
4-Chloro-2-fluoro-5-nitrotoluene

$C_7H_5ClF_3N$
2-Amino-5-chlorobenzotrifluoride

$C_7H_5ClHgO_2$
4-(Chloromercuri)benzoic acid

$C_7H_5ClN_2$
2-Amino-5-chlorobenzonitrile

C_7H_5ClO
Benzoyl chloride
2-Chlorobenzaldehyde
3-Chlorobenzaldehyde
4-Chlorobenzaldehyde

$C_7H_5ClO_2$
2-Chlorobenzoic acid
3-Chlorobenzoic acid
4-Chlorobenzoic acid
Phenyl chloroformate

$C_7H_5ClO_3$
3-Chloro-4-hydroxybenzoic acid
3-Chloroperbenzoic acid

$C_7H_5Cl_2F$
2-Chloro-6-fluorobenzyl chloride
4-Fluorobenzal chloride

$C_7H_5Cl_2NO_2$
3,5-Dichloroanthranilic acid

$C_7H_5Cl_2NS$
Chlorothiamide

$C_7H_5Cl_3$
Benzotrichloride
2,4-Dichlorobenzyl chloride
2,6-Dichlorobenzyl chloride
3,4-Dichlorobenzyl chloride
2,4,5-Trichlorotoluene

C_7H_5FO
2-Fluorobenzaldehyde
3-Fluorobenzaldehyde
4-Fluorobenzaldehyde

$C_7H_5FO_2$
2-Fluorobenzoic acid
3-Fluorobenzoic acid
4-Fluorobenzoic acid

$C_7H_5F_3$
Benzotrifluoride

$C_7H_5F_3N_2O_2$
2-Amino-5-nitrobenzotrifluoride

$C_7H_5F_3O$
2-Hydroxybenzotrifluoride
3-Hydroxybenzotrifluoride

$C_7H_5F_4N$
2-Fluoro-5-aminobenzotrifluoride

$C_7H_5JO_2$
2-Iodobenzoic acid
3-Iodobenzoic acid
4-Iodobenzoic acid

$C_7H_5LiO_2$
Lithium benzoate

C_7H_5N
Benzonitrile

C_7H_5NO
4,5-Benzisoxazole
4-Hydroxybenzonitrile
Phenyl *iso*-cyanate

C_7H_5NOS
2-Mercaptobenzoxazole

$C_7H_5NO_3$
2-Nitrobenzaldehyde
3-Nitrobenzaldehyde
4-Nitrobenzaldehyde

$C_7H_5NO_3S$
Benzenesulphonyl *iso*-cyanate

$C_7H_5NO_4$
2-Nitrobenzoic acid
3-Nitrobenzoic acid
4-Nitrobenzoic acid
2,5-Pyridinedicarboxylic acid
2,6-Pyridinedicarboxylic acid
Quinolinic acid

C_7H_5NS
Benzothiazole
Phenyl *iso*-thiocyanate

$C_7H_5NS_2$
2-Mercaptobenzothiazole

$C_7H_5N_3O_2$
2-Cyano-4-nitroaniline
5-Nitroindazole

$C_7H_5NaO_2$
Sodium benzoate

$C_7H_5NaO_3$
Sodium salicylate

C_7H_6BrCl
2-Chlorobenzyl bromide
3-Chlorobenzyl bromide

C₇H₅BrF
 2-Bromo-4-fluorotoluene
 2-Bromo-5-fluorotoluene
 2-Fluorobenzyl bromide
 3-Fluorobenzyl bromide
 4-Fluorobenzyl bromide

C₇H₅BrNO₂
 2-Bromo-4-nitrotoluene
 2-Bromo-5-nitrotoluene
 2-Bromo-6-nitrotoluene
 4-Bromo-2-nitrotoluene
 4-Bromo-3-nitrotoluene
 4-Nitrobenzyl bromide

C₇H₅BrNO₃
 2-Bromo-4-nitroanisole
 2-Bromo-5-nitroanisole

C₇H₅Br₂
 Benzal bromide
 2-Bromobenzyl bromide
 3-Bromobenzyl bromide
 4-Bromobenzyl bromide

C₇H₅ClF
 2-Chloro-4-fluorotoluene
 2-Chloro-5-fluorotoluene
 2-Chloro-6-fluorotoluene
 3-Chloro-2-fluorotoluene
 4-Chloro-2-fluorotoluene
 5-Chloro-2-fluorotoluene
 5-Chloro-3-fluorotoluene
 2-Fluorobenzyl chloride
 3-Fluorobenzyl chloride
 4-Fluorobenzyl chloride

C₇H₅ClFO
 2-Chloro-6-fluorobenzyl alcohol

C₇H₅ClI
 2-Chloro-4-iodotoluene

C₇H₅ClNO
 3-Chlorobenzamide

C₇H₅ClNO₂
 3-Amino-4-chlorobenzoic acid
 2-Chloro-4-nitrotoluene
 4-Chloro-2-nitrotoluene
 5-Chloro-2-nitrotoluene
 6-Chloro-2-nitrotoluene
 2-Nitrobenzyl chloride
 3-Nitrobenzyl chloride

C₇H₅ClNO₃
 2-Chloro-5-nitroanisole
 4-Chloro-3-nitroanisole

C₇H₅Cl₂
 Benzal chloride
 2-Chlorobenzyl chloride
 3-Chlorobenzyl chloride
 4-Chlorobenzyl chloride
 2,4-Dichlorotoluene
 2,5-Dichlorotoluene
 2,6-Dichlorotoluene
 3,4-Dichlorotoluene

C₇H₅Cl₂O
 2,3-Dichloroanisole
 2,6-Dichloroanisole
 2,4-Dichlorobenzyl alcohol
 2,6-Dichlorobenzyl alcohol
 3,4-Dichlorobenzyl alcohol
 4,6-Dichloro-o-cresol

C₇H₅Cl₂O₂S
 3,5-Dichlorophenylmethylsulphone

C₇H₅FJ
 4-Fluoro-2-iodotoluene

C₇H₅FNO
 2-Fluorobenzamide
 3-Fluorobenzamide
 4-Fluorobenzamide

C₇H₅FNO₂
 2-Fluoro-4-nitrotoluene
 2-Fluoro-5-nitrotoluene
 2-Fluoro-6-nitrotoluene
 3-Fluoro-6-nitrotoluene
 4-Fluoro-2-nitrotoluene

C₇H₅F₂
 2,4-Difluorotoluene
 2,5-Difluorotoluene

C₇H₅F₃N
 2-Trifluoromethylaniline
 3-Trifluoromethylaniline
 4-Trifluoromethylaniline

C₇H₅JNO₂
 2-Amino-5-iodobenzoic acid
 2-Iodo-4-nitrotoluene
 2-Iodo-5-nitrotoluene
 4-Iodo-2-nitrotoluene
 3-Nitrobenzyl iodide

C₇H₅N₂
 2-Aminobenzonitrile
 3-Aminobenzonitrile
 4-Aminobenzonitrile
 Benzimidazole

C₇H₅N₂O₄
 2-Amino-4-nitrobenzoic acid
 2,3-Dinitrotoluene
 2,4-Dinitrotoluene
 2,6-Dinitrotoluene
 3,4-Dinitrotoluene

C₇H₅N₂O₅
 2,4-Dinitroanisole
 DNOC

C₇H₅N₂S
 2-Aminobenzothiazole
 2-Mercaptobenzimidazole

C₇H₅N₄O
 1,1'-Carbonyldiimidazole

C₇H₅O
 Benzaldehyde

C₇H₅OS
 Thiobenzoic acid

C₇H₅O₂
 Benzoic acid
 3-Hydroxybenzaldehyde
 4-Hydroxybenzaldehyde
 Methyl-1,4-benzoquinone
 Salicylaldehyde

C₇H₅O₂S
 2-Mercaptobenzoic acid

C₇H₅O₃
 2,3-Dihydroxybenzaldehyde
 2,5-Dihydroxybenzaldehyde
 3-(2-Furyl)acrylic acid
 4-Hydroxybenzoic acid
 3,4-Methylenedioxyphenol
 Salicylic acid

C₇H₅O₄
 2,4-Dihydroxybenzoic acid
 2,5-Dihydroxybenzoic acid
 2,6-Dihydroxybenzoic acid
 3,4-Dihydroxybenzoic acid
 3,5-Dihydroxybenzoic acid

C₇H₅O₄ · xH₂O
 Phloroglucinaldehyde

C₇H₅O₅ · H₂O
 Gallic acid
 2,4,6-Trihydroxybenzoic acid monohydrate

C₇H₅O₆S · 2H₂O
 5-Sulphosalicylic acid dihydrate

C₇H₇AgO₃S
 4-Toluenesulphonic acid silver salt

C₇H₇Br
 Benzyl bromide
 2-Bromotoluene
 3-Bromotoluene
 4-Bromotoluene

C₇H₇BrO
 2-Bromoanisole
 3-Bromoanisole
 4-Bromoanisole
 2-Bromobenzyl alcohol

C₇H₇BrS
 4-Bromothioanisole

C₇H₇Cl
 Benzyl chloride
 2-Chlorotoluene
 3-Chlorotoluene
 4-Chlorotoluene

C₇H₇ClFN
 2-Chloro-6-fluorobenzylamine

C₇H₇ClNNaO₂S · 3H₂O
 Chloramine T

C₇H₇ClN₂O
 4-Chlorobenzhydrazide

C₇H₇ClO
 2-Chloroanisole
 3-Chloroanisole
 4-Chloroanisole
 4-Chlorobenzyl alcohol
 4-Chloro-2-methylphenol
 4-Chloro-3-methylphenol

C₇H₇ClO₂S
 4-Toluenesulphonyl chloride

C₇H₇Cl₂N
 2,4-Dichlorobenzylamine
 3,4-Dichlorobenzylamine

C₇H₇F
 2-Fluorotoluene
 3-Fluorotoluene
 4-Fluorotoluene

C₇H₇FO
 2-Fluoroanisole
 3-Fluoroanisole
 4-Fluoroanisole
 2-Fluorobenzyl alcohol
 3-Fluorobenzyl alcohol
 4-Fluorobenzyl alcohol

C₇H₇J
 2-Iodotoluene
 3-Iodotoluene
 4-Iodotoluene

C₇H₇JO
 2-Iodoanisole
 3-Iodoanisole
 4-Iodoanisole

C₇H₇N
 2-Vinylpyridine
 4-Vinylpyridine

C₇H₇NO
 2-Acetylpyridine
 3-Acetylpyridine
 4-Acetylpyridine
 Benzaldehyde oxime
 Benzamide

(C₇H₇NO)_n
 2-Aminobenzaldehyde polymer
 3-Aminobenzaldehyde polymer
 4-Aminobenzaldehyde polymer

C₇H₇NO₂ 2-Aminobenzoic acid 3-Aminobenzoic acid 4-Aminobenzoic acid Benzhydroxamic acid Methyl nicotinate 2-Nitrotoluene 3-Nitrotoluene 4-Nitrotoluene Salicylaldoxime Salicylamide	C₇H₈N₂S N-Phenylthiourea	C₇H₁₀N₂OS 4-Propyl-2-thiouracil
C₇H₇NO₃ 4-Amino-2-hydroxybenzoic acid 2-Nitroanisole 4-Nitroanisole 2-Nitrobenzyl alcohol 3-Nitrobenzyl alcohol 4-Nitrobenzyl alcohol 3-Nitro-o-cresol 4-Nitro-m-cresol	C₇H₈O Anisole Benzyl alcohol o-Cresol m-Cresol p-Cresol	C₇H₁₀N₂O₂ N,N'-Methylenediacrylamide
C₇H₇NS Thiobenzamide	C₇H₈O₂ 2,5-Dihydroxytoluene 2,6-Dihydroxytoluene Guaiacol Hydroquinone monomethyl ether 2-Hydroxybenzyl alcohol 4-Hydroxybenzyl alcohol Resorcinol monomethyl ether	C₇H₁₀N₂O₂S 4-Toluene sulphonhydrazide
C₇H₇N₃ 5-Aminoindazole 6-Aminoindazole 1-Methylbenzotriazole	C₇H₈O₂ · H₂O Orcinol monohydrate	C₇H₁₀N₂O₃ Ethyl 2-acetamido-2-cyanoacetate
C₇H₇N₅O₅ 2,4-Dinitrophenyl-4-semicarbazide	C₇H₈O₃ Ethyl 2-furancarboxylate Ethyl 3-furancarboxylate	C₇H₁₀O 1,2,3,6-Tetrahydrobenzaldehyde
C₇H₈ 1,3,5-Cycloheptatriene Norbornadiene-(2,5) Toluene	C₇H₈O₃S · H₂O 4-Toluenesulphonic acid monohydrate	C₇H₁₀O₂ Allyl methacrylate 2-Methyl-1,3-cyclohexanedione
C₇H₈BrN 2-Amino-5-bromotoluene	(C₇H₈O₄)_n 1,3-Propanediol maleinate	C₇H₁₀O₅ Dimethyl acetonedicarboxylate
C₇H₈CIN 2-Chlorobenzylamine 3-Chlorobenzylamine 4-Chlorobenzylamine 2-Chloro-4-methylaniline 2-Chloro-5-methylaniline 2-Chloro-6-methylaniline 3-Chloro-2-methylaniline 3-Chloro-4-methylaniline 4-Chloro-2-methylaniline 5-Chloro-2-methylaniline	C₇H₈S Benzylmercaptan Methyl phenyl sulphide 4-Toluenethiol	C₇H₁₁BrO₄ Diethyl bromomalonate
C₇H₈CINO 4-Chloro-o-anisidine	C₇H₈S₂ Dithiol	C₇H₁₁ClO₄ Diethyl chloromalonate
C₇H₈CINO₂ 3-Aminobenzoic acid hydrochloride	C₇H₉N Benzylamine 2-Ethylpyridine 3-Ethylpyridine 4-Ethylpyridine 2,4-Lutidine 2,6-Lutidine 3,4-Lutidine 3,5-Lutidine N-Methylaniline o-Toluidine m-Toluidine p-Toluidine	C₇H₁₁FO₄ Diethyl fluoromalonate
C₇H₈FN 2-Amino-4-fluorotoluene 2-Amino-5-fluorotoluene 4-Amino-2-fluorotoluene 5-Amino-2-fluorotoluene 6-Amino-2-fluorotoluene 2-Fluorobenzylamine 4-Fluorobenzylamine	C₇H₉NO 2-Acetyl-N-methylpyrrole 2-Amino-p-cresol 4-Amino-o-cresol 4-Amino-m-cresol 5-Amino-o-cresol 6-Amino-m-cresol 2-Anisidine 3-Anisidine 4-Anisidine 2-(2-Hydroxyethyl)pyridine	C₇H₁₁N Cyclohexyl isocyanide
C₇H₈JN 4-Amino-2-iodotoluene	C₇H₉NOS 2,4-Dimethyl-5-acetylthiazole	C₇H₁₁NO Cyclohexyl isocyanate
C₇H₈N₂O 2-Aminobenzamide Benzohydrazide N-Phenylurea	C₇H₉NO₂S 4-Toluenesulphonamide Toluenesulphonamide	C₇H₁₁NO₂ Butyl cyanoacetate
C₇H₈N₂O₂ 3,4-Diaminobenzoic acid 3,5-Diaminobenzoic acid 2-Methyl-3-nitroaniline 2-Methyl-4-nitroaniline 2-Methyl-5-nitroaniline 2-Methyl-6-nitroaniline 4-Methyl-2-nitroaniline 4-Methyl-3-nitroaniline 5-Methyl-2-nitroaniline	C₇H₉N₃O 1-Phenylsemicarbazide 4-Phenylsemicarbazide	C₇H₁₂ Cycloheptene Heptyne-(1) Heptyne-(3)
C₇H₈N₂O₃ 2-Methoxy-4-nitroaniline	C₇H₉N₅ 6-Dimethylaminopurine	C₇H₁₂CIN₅ Simazine
C₇H₈N₂O₃S₂ N,N'-Diacetylaminorhodanine	C₇H₁₀CIN p-Toluidinium chloride	C₇H₁₂Cl₂N₂O 4-Methoxy-o-phenylenediammonium chloride
	C₇H₁₀N₂ 4-(Dimethylamino)-pyridine 2-Methyl-1,3-phenylenediamine 4-Methyl-1,2-phenylenediamine	C₇H₁₂N₂ N-Butylimidazole 1,5-Diazabicyclo[4.3.0]non-5-ene
	C₇H₁₀N₂O 4-Methoxy-m-phenylenediamine	C₇H₁₂O Cycloheptanone Cyclohexanecarbaldehyde 3-Methylcyclohexanone 4-Methylcyclohexanone
		C₇H₁₂O₂ <i>iso</i> -Butyl acrylate <i>n</i> -Butyl acrylate Cyclohexanecarboxylic acid
		C₇H₁₂O₂S₂ Ethyl 1,3-dithiane-2-carboxylate
		C₇H₁₂O₃ Ethyl levulinate
		C₇H₁₂O₄ Butyl malonic acid Diethyl malonate Diethylmalonic acid 2,4-Dimethylglutaric acid Pimelic acid
		C₇H₁₂O₆ Quinic acid
		C₇H₁₂O₆ · H₂O D-Sedoheptulose monohydrate
		C₇H₁₃Br Bromocycloheptane

C₇H₁₃BrO₂
2-Bromoheptanoic acid
2-Bromopropionyl *iso*-butylester
Ethyl 5-bromovalerate
iso-Propyl 2-bromo-*iso*-butyrate

C₇H₁₃ClO
Enanthoyl chloride

C₇H₁₃Cl₂N₃O₂
Methyl L-histidinate dihydrochloride

C₇H₁₃N
Enanthonitrile

C₇H₁₃NO
N-tert.-Butylacrylamide
3-Quinuclidinol

C₇H₁₃NO₃S
N-Acetyl-L-methionine
N-Acetyl-DL-methionine

C₇H₁₃NO₄
DL-2-Aminopimelic acid
N-(*tert.*-Butoxycarbonyl)-glycine

C₇H₁₃O₆P
Mevinphos

C₇H₁₄
Cycloheptane
3-Heptene
Methylcyclohexane

C₇H₁₄ClNO₄
Diethylaminomalonate hydrochloride
Dimethyl L-glutamate hydrochloride

C₇H₁₄N₂
N,N'-Di-*iso*-propylcarbodiimide

C₇H₁₄N₂O₂
N-Ethoxycarbonylpiperazine

C₇H₁₄N₂O₄
2,6-Diaminopimelic acid

C₇H₁₄O
Cycloheptanol
2,4-Dimethylpentanone-(3)
Enanthaldehyde
Ethyl *iso*-butyl ketone
Heptanone-(2)
Heptanone-(3)
Heptanone-(4)
2-Methylcyclohexanol
3-Methylcyclohexanol
4-Methylcyclohexanol
5-Methyl-2-hexanone-(2)

C₇H₁₄O₂
Acrolein diethyl acetal
iso-Amyl acetate
n-Butyl glycidyl ether
iso-Butyl propionate
Enanthic acid
Ethyl pivalate
Ethyl valerate
Ethyl *iso*-valerate
Methyl hexanoate

C₇H₁₅Br
1-Bromoheptane
2-Bromoheptane

C₇H₁₅Cl
1-Chloroheptane
3-Chloroheptane

C₇H₁₅Cl₂N
1-(2-Chloroethyl)-piperidine hydrochloride
1-Ethyl-3-chloropiperidinium chloride

C₇H₁₅F
1-Fluoroheptane

C₇H₁₅I
1-Iodoheptane

C₇H₁₅N
Cycloheptylamine
2,6-Dimethylpiperidine
N-Ethylpiperidine
2-Ethylpiperidine
Heptamethylenimine
N-Methylcyclohexylamine

C₇H₁₅NO
2-Piperidinoethanol

C₇H₁₅NO₂S₂
S-tert.-Butylmercapto-L-cysteine

C₇H₁₆
2,4-Dimethylpentane
n-Heptane
Heptane
3-Methylhexane

C₇H₁₆BrNOS
Acetylthiocholine bromide

C₇H₁₆BrNO₂
Acetylcholinium bromide

C₇H₁₆ClNO₂
Acetylcholine chloride
L-Leucine methyl ester hydrochloride
L-*iso*-Leucine methyl ester hydrochloride

C₇H₁₆ClNO₂S
Ethyl-L-methioninate ethyl ester
hydrochloride

C₇H₁₆ClN₅O₄
Methyl *N*^ω-nitro-L-argininate hydrochloride

C₇H₁₆JNOS
Acetylthiocholinium iodide

C₇H₁₆JNO₂
Acetylcholine iodide

C₇H₁₆N₂
1-Ethyl-3-aminopiperidine
1,2,4-Trimethylpiperazine

C₇H₁₆N₂O
N-(3-Aminopropyl)morpholine

C₇H₁₆O
2,2-Dimethylpentanol-(3)
2,3-Dimethylpentanol-(3)
Heptanol-(1)
Heptanol-(2)
Heptanol-(3)
Heptanol-(4)
2-Methyl-2-hexanol
2-Methyl-3-hexanol
3-Methyl-2-hexanol
3-Methyl-3-hexanol
5-Methyl-2-hexanol

C₇H₁₆O₂
2,2-Diethylpropanediol-(1,3)
Ethylene glycol methyl-*tert.*-butyl ether

C₇H₁₆O₃
Triethyl orthoformate

C₇H₁₆S
Heptylmercaptan

C₇H₁₇N
2-Amino-4-methylhexane
Heptylamine

C₇H₁₇NO₂
N,N-Dimethylformamide diethyl acetal

C₇H₁₈N₂
N,N-Diethyl-1,3-diaminopropane

C₇H₁₉NSi
N-(Trimethylsilyl)diethylamine

C₇H₁₉N₃
Spermidine

C₈BrF₁₇
Perfluorooctyl bromide

C₈Br₄O₃
Tetrabromophthalic anhydride

C₈ClF₃N₂O₂
6-Chloro-2,4,5-trifluoro-1,3-phenylendi-*iso*-cyanat

C₈ClF₁₅O
Perfluorooctanoyl chloride

C₈Cl₂N₂O₂
2,3-Dichloro-5,6-dicyan-p-benzoquinone

C₈Cl₄O₃
Tetrachlorophthalic anhydride

C₈Co₂O₈
Cobalt carbonyl

(C₈D₈)_x
Polystyrene-d_x

C₈F₁₄O₃
Perfluorobutyric anhydride

C₈F₁₇J
Perfluorooctyl iodide

C₈F₁₇KO₃S
Perfluorooctanesulphonic acid potassium salt

C₈HF₁₅O₂
Perfluorooctanoic acid

C₈HF₁₇
1H-Perfluorooctane

C₈HF₁₇O₃S
Perfluorooctanesulphonic acid solution

C₈H₂ClF₁₃O
(Perfluorohexyl)-acetyl chloride

C₈H₃ClF₃N
4-Chloro-3-cyanobenzotrifluoride

C₈H₃ClO₃
4-Chlorophthalic anhydride

C₈H₃FO₃
3-Fluorophthalic anhydride

C₈H₃F₅
2,3,4,5,6-Pentafluorostyrene

C₈H₃F₅O
Pentafluoroacetophenone

C₈H₃F₁₃
1H,1H,2H-Perfluorooctene-(1)

C₈H₃F₁₅O
1H,1H-Perfluorooctanol

C₈H₃NO₅
3-Nitrophthalic anhydride

C₈H₄BrNO₂
5-Bromoisatine
N-Bromophthalimide

C₈H₄ClF₃O
2-Trifluoromethylbenzoyl chloride
4-Trifluoromethylbenzoyl chloride

C₈H₄Cl₂O₂
Phthaloyl dichloride
iso-Phthaloyl dichloride
Terephthaloyl dichloride

C₈H₄Cl₂O₄
4,5-Dichlorophthalic acid

C₈H₄F₃N
3-Trifluoromethylbenzonitrile

C₈H₄F₃NO
3-Trifluoromethylphenyl *iso*-cyanate

C₈H₄F₃NO₄
4-Nitrophenyl trifluoroacetate

$C_8H_4F_4O$ 3-Trifluoromethylbenzoyl fluoride	$C_8H_6Br_2O$ ω ,4-Dibromoacetophenone	C_8H_7Br β -Bromostyrene 2-Bromostyrene 3-Bromostyrene 4-Bromostyrene
$C_8H_4F_6$ 1,3-Bis(trifluoromethyl)benzene	$C_8H_6Br_3NO$ 2,4,6-Tribromoacetanilide	C_8H_7BrO α -Bromoacetophenone 3-Bromoacetophenone 4-Bromoacetophenone
$C_8H_4F_{13}J$ 1H,1H,2H,2H-Perfluorooctyl iodide	$C_8H_6Br_4$ $\alpha,\alpha,\alpha',\alpha'$ -Tetrabromo-o-xylene $\alpha,\alpha,\alpha',\alpha'$ -Tetrabromo-m-xylene	$C_8H_7BrO_2$ 4-Bromomethylbenzoic acid DL- α -Bromophenylacetic acid 2-Bromophenylacetic acid 4-Bromophenylacetic acid
$C_8H_4KNO_2$ Phthalimide-potassium	$C_8H_6ClFO_2$ 2-Chloro-6-fluorophenyl acetic acid	$C_8H_7BrO_3$ 5-Bromovanillin
$C_8H_4N_2$ Phthalodinitrile <i>iso</i> -Phthalodinitrile Terephthalodinitrile	C_8H_6ClN 3-Chlorobenzyl cyanide 4-Chlorobenzyl cyanide 2-(Chloromethyl)benzonitrile	C_8H_7Cl 2-Chlorostyrene 3-Chlorostyrene 4-Chlorostyrene
$C_8H_4O_3$ Phthalic anhydride	$C_8H_6ClNO_4$ 4-Nitrobenzyl chloroformate	C_8H_7ClO ω -Chloroacetophenone 4-Chloroacetophenone 2-Methylbenzoyl chloride 3-Methylbenzoyl chloride 4-Methylbenzoyl chloride Phenylacetyl chloride
$C_8H_5BrF_4O$ 4-Bromotetrafluoroethoxybenzene	$C_8H_6Cl_2$ 2,6-Dichlorostyrene 3,4-Dichlorostyrene	$C_8H_7ClO_2$ Benzyl chloroformate solution 2-Chlorophenylacetic acid 3-Chlorophenylacetic acid 4-Chlorophenylacetic acid 3-Methoxybenzoyl chloride 4-Methoxybenzoyl chloride
C_8H_5ClFN 2-Chloro-6-fluorobenzyl cyanide	$C_8H_6Cl_2O$ 2-Chloromethylbenzoyl chloride α -Chlorophenylacetyl chloride 2,5-Dichloroacetophenone	$C_8H_7ClO_3$ 4-Chloromandelic acid 4-Chlorophenoxyacetic acid
$C_8H_5ClF_4O_3S$ 4-Tetrafluoroethoxybenzenesulphonyl chloride	$C_8H_6Cl_2O_2$ 2,4-Dichlorophenylacetic acid 2,6-Dichlorophenylacetic acid	$C_8H_7Cl_2NO_2$ Swep
$C_8H_5Cl_2N$ 2,4-Dichlorobenzyl cyanide 2,6-Dichlorobenzyl cyanide	$C_8H_6Cl_2O_3$ 2,4-D Dicamba 2,3-Dichlorophenoxyacetic acid	C_8H_7F 2-Fluorostyrene 3-Fluorostyrene 4-Fluorostyrene
$C_8H_5Cl_3O$ α ,2,4-Trichloroacetophenone	C_8H_6FN 2-Fluorobenzyl cyanide 3-Fluorobenzyl cyanide 4-Fluorobenzyl cyanide 5-Fluoroindole	C_8H_7FO 2-Fluoroacetophenone 4-Fluoroacetophenone
$C_8H_5Cl_3O_3$ 2,4,5-T 2,4,5-Trichlorophenoxyacetic acid	$C_8H_6FNO_2$ 2-Fluoro- β -nitrostyrene 4-Fluoro- β -nitrostyrene	$C_8H_7FO_2$ Benzyl fluoroformate 5-Fluoro-2-hydroxyacetophenone 2-Fluorophenylacetic acid 4-Fluorophenylacetic acid Methyl 2-fluorobenzoate Methyl 4-fluorobenzoate
$C_8H_5FO_4$ 3-Fluorophthalic acid	$C_8H_6F_4O$ Tetrafluoroethoxybenzene	$C_8H_7FO_3$ 4-Fluoromandelic acid 4-Fluorophenoxyacetic acid
$C_8H_5F_3O_2$ Phenyl trifluoroacetate 4-Trifluoromethylbenzoic acid	$C_8H_6KNO_4S$ Indole-3-hydrogen sulphate potassium salt	$C_8H_7F_4NO$ 3-Tetrafluoroethoxyaniline
$C_8H_5F_3O_2S$ 1-[Thenoyl-(2')]-3,3,3-trifluoroacetone	$C_8H_6N_2$ Benzo[α]pyridazine Quinazoline Quinoxaline	C_8H_7N Benzyl cyanide Indole m-Tolunitrile p-Tolunitrile
$C_8H_5F_4NO_3$ 2-Tetrafluoroethoxynitrobenzene 3-Tetrafluoroethoxynitrobenzene 4-Tetrafluoroethoxynitrobenzene	$C_8H_6N_2O_2$ 2,3-Dihydroxyquinoxaline 4-Nitrophenylacetoneitrile	C_8H_7NO 5-Hydroxyindole α -Hydroxyphenylacetoneitrile 4-Methoxybenzonitrile 2-Methylbenzoxazole
$C_8H_5F_6N$ 3,5-Bis(trifluoromethyl)aniline	$C_8H_6N_2O_3$ N-Aminophthalimide	$C_8H_7NO_2$ Benzoyl formaldehyde oxime β -Nitrostyrene
$C_8H_5F_{13}O$ 1H,1H,2H,2H-Perfluorooctanol	$C_8H_6N_4O_8 \cdot 2H_2O$ Alloxantin dihydrate	$C_8H_7NO_3$ 2-Nitroacetophenone 3-Nitroacetophenone 4-Nitroacetophenone
$C_8H_5KN_2S_3$ Bismuthiol II	C_8H_6O Benzo[b]furan	
$C_8H_5KO_4$ Potassium hydrogen phthalate	$C_8H_6O_2$ Phenylglyoxal Phthaldialdehyde <i>iso</i> -Phthaldialdehyde Phthalide Terephthalaldehyde	
C_8H_5NO Benzoyl cyanide	$C_8H_6O_3$ Heliotropin Phthalaldehydic acid	
$C_8H_5NO_2$ 4-Cyanobenzoic acid Isatin Phthalimide	$C_8H_6O_4$ Phthalic acid <i>iso</i> -Phthalic acid Terephthalic acid	
$C_8H_5NO_3$ Isatoic anhydride		
$C_8H_5NO_6$ 2-Nitro- <i>iso</i> -phthalic acid 3-Nitrophthalic acid		
C_8H_5BrFO 3-Bromo-4-fluoroacetophenone ω -Bromo-4-fluoroacetophenone		
C_8H_5BrN 5-Bromoindole 4-Bromomethylbenzonitrile 2-Bromophenylacetoneitrile 4-Bromophenylacetoneitrile		

C₈H₇NO₃S
4-Toluenesulphonyl *iso*-cyanate

C₈H₇NO₄
5-Amino *iso*-phthalic acid
2-Methyl-3-nitrobenzoic acid
3-Methyl-2-nitrobenzoic acid
3-Methyl-4-nitrobenzoic acid
4-Methyl-3-nitrobenzoic acid
5-Methyl-2-nitrobenzoic acid
4-Nitrophenyl acetate
2-Nitrophenylacetic acid
4-Nitrophenylacetic acid

C₈H₇NS
2-Methylbenzothiazole

C₈H₇NSe
2-Methylbenzoselenazole

C₈H₇N₃O₅
2,4-Dinitroacetanilide

C₈H₇NaO₄
Dehydroacetic acid sodium salt

C₈H₈
1,3,5,7-Cyclooctatetraene
Styrene

C₈H₈BrCl₂O₃PS
Bromophos-methyl

C₈H₈BrNO
4-Bromoacetanilide

C₈H₈BrO₃
4-Bromomandelic acid

C₈H₈Br₂
α,α'-Dibromo-*o*-xylene
α,α'-Dibromo-*m*-xylene
α,α'-Dibromo-*p*-xylene
2,5-Dibromo-*p*-xylene

C₈H₈ClNO
4-Chloroacetanilide

C₈H₈ClNO₃S
4-Acetamido-benzoylsulphochloride

C₈H₈Cl₂
α,α'-Dichloro-*o*-xylene
α,α'-Dichloro-*m*-xylene
α,α'-Dichloro-*p*-xylene

C₈H₈Cl₂O
2,5-Dichlorophenylmethylcarbinol
2,6-Dichlorophenylmethylcarbinol
3,4-Dichlorophenylmethylcarbinol

C₈H₈Cl₃O₃PS
Fenchlorphos

C₈H₈FNO₂
4-Fluorophenoxyacetamide
DL-(2-Fluorophenyl)-glycine
D(-)-(4-Fluorophenyl)-glycine
DL(±)-(4-Fluorophenyl)-glycine

C₈H₈HgO₂
Phenylmercury acetate
Phenylmercury acetate solution

C₈H₈N₂
2-Methylbenzimidazole

C₈H₈N₂O₃
4-Nitroacetanilide

C₈H₈N₂O₄
2,4-Dinitro-*m*-xylene

C₈H₈N₂S
2-Amino-6-methylbenzothiazole

C₈H₈N₄O₈ · H₂O
Murexide

C₈H₈O
Acetophenone
3-Methylbenzaldehyde
4-Methylbenzaldehyde
Phenylacetaldehyde solution
Phenylethylene oxide

C₈H₈O₂
2-Anisaldehyde
3-Anisaldehyde
4-Anisaldehyde
Benzyl formate
Furfuralacetone
2-Hydroxyacetophenone
4-Hydroxyacetophenone
Methyl benzoate
2-Methylbenzoic acid
3-Methylbenzoic acid
4-Methylbenzoic acid
Phenyl acetate
Phenylacetic acid

C₈H₈O₂S
Phenylmercaptoacetic acid

C₈H₈O₃
2,4-Dihydroxyacetophenone
2,5-Dihydroxyacetophenone
2,6-Dihydroxyacetophenone
2-Hydroxy-5-methoxybenzaldehyde
2-Hydroxyphenylacetic acid
4-Hydroxyphenylacetic acid
Mandelic acid
D(-)-Mandelic acid
L(+)-Mandelic acid
2-Methoxybenzoic acid
3-Methoxybenzoic acid
4-Methoxybenzoic acid
Methyl salicylate
Methyl 3-hydroxybenzoate
Methyl 4-hydroxybenzoate
Phenoxyacetic acid
Piperonyl alcohol
Resorcinol monoacetate
cis-1,2,3,6-Tetrahydrophthalic anhydride
Vanillin

C₈H₈O₄
Dehydroacetic acid
Vanillic acid

C₈H₈O₄ · H₂O
DL-4-Hydroxymandelic acid monohydrate

C₈H₈Br
2-Bromo-*m*-xylene
3-Bromo-*o*-xylene
4-Bromo-*o*-xylene
4-Bromo-*m*-xylene
1-Ethyl-4-bromobenzene
2-Methylbenzyl bromide
3-Methylbenzyl bromide
4-Methylbenzyl bromide
2-Phenethyl bromide

C₈H₈BrO
2-Bromoethylphenyl ether

C₈H₈BrO₂
4-Bromoveratrole

C₈H₈Cl
2-Chloro-*p*-xylene
4-Chloro-*o*-xylene
2-Methylbenzyl chloride
3-Methylbenzyl chloride
4-Methylbenzyl chloride

C₈H₈ClO
4-Chloro-2,6-dimethylphenol
4-Chloro-*α*-methylbenzyl alcohol

C₈H₈F
2,3-Dimethylfluorobenzene
3-Fluoro-1,2-xylene

C₈H₈FO
2-Fluorophenylmethylcarbinol
3-Fluorophenylmethylcarbinol
4-Fluorophenylmethylcarbinol

C₈H₈N
Indoline

C₈H₈NO
Acetanilide
2-Aminoacetophenone
3-Aminoacetophenone
4-Aminoacetophenone
N-Methylformanilide

C₈H₈NOS
4-Acetamidothiophenol

C₈H₈NO₂
3-Acetamidophenol
4-Acetamidophenol
4-Aminophenylacetic acid
Ethyl nicotinate
Ethyl *iso*-nicotinate
Ethyl 2-pyridinecarboxylate
Methyl 2-aminobenzoate
Methyl 4-aminobenzoate
2-Nitroethylbenzene
4-Nitroethylbenzene
2-Nitro-*m*-xylene
3-Nitro-*o*-xylene
4-Nitro-*m*-xylene
5-Nitro-*m*-xylene
D(-)-*α*-Phenylaminoacetic acid
DL-*α*-Phenylaminoacetic acid
N-Phenylglycine
Piperonylamine

C₈H₈NO₃
N-(4-Hydroxyphenyl)glycine

C₈H₈NO₄
4-Nitroveratrole

C₈H₈NS
Thioacetanilide

C₈H₈N₅
2-Guanylbenzimidazole

C₈H₈O₃P
1-Phenyl-1-vinylphosphonic acid

C₈H₁₀
Ethylbenzene
Xylene
o-Xylene
m-Xylene
p-Xylene

C₈H₁₀BrN
4-Bromo-N,N-dimethylaniline

C₈H₁₀ClNO₂
5-Chloro-2,4-dimethoxyaniline

C₈H₁₀ClNO₃
Pyridoxal hydrochloride

C₈H₁₀NO₅PS
Parathion-methyl

C₈H₁₀NO₆P · H₂O
Pyridoxal-5'-phosphate

C₈H₁₀N₂O
4'-Aminoacetanilide
4-Nitroso-N,N-dimethylaniline

C₈H₁₀N₂O₃S
N-Methyl-N-nitroso-*p*-toluenesulphonamide

C₈H₁₀N₄O₂
Caffeine

C₈H₁₀O
2,3-Dimethylphenol
2,4-Dimethylphenol
2,5-Dimethylphenol
2,6-Dimethylphenol
3,4-Dimethylphenol
3,5-Dimethylphenol
3-Ethylphenol
4-Ethylphenol
2-Methylbenzyl alcohol
3-Methylbenzyl alcohol
Phenetole
1-Phenylethanol
2-Phenylethanol

$C_8H_{10}O_2$ Anise alcohol Guaethol Hydroquinone dimethyl ether 2-Methoxybenzyl alcohol 3-Methoxybenzyl alcohol 2-Phenoxyethanol Resorcinol dimethyl ether Veratrole	$C_8H_{12}N_2O_3$ 5,5-Diethylbarbituric acid	$C_8H_{15}NO$ <i>trans</i> -Tropine
$C_8H_{10}O_3$ 2,3-Dimethoxyphenol 2,6-Dimethoxyphenol Pyrocatechol mono-(2-hydroxy ethyl)-ether	$C_8H_{12}N_2O_3S$ 6-Aminopenicillanic acid	$C_8H_{15}NO_2$ 2-Dimethylaminoethyl methacrylate
$C_8H_{10}O_3S$ Methyl-4-toluenesulphonate	$C_8H_{12}N_4$ α, α' -Azo- <i>iso</i> -butyronitrile	$C_8H_{15}NO_3$ N-Acetyl-L-leucine
$C_8H_{10}O_4$ Diethyl acetylendicarboxylate	$C_8H_{12}N_4O_5$ 5-Azacytidine	$C_8H_{15}NO_4$ N-(<i>tert</i> .-Butoxycarbonyl)-L-alanine
$C_8H_{11}ClN_2S$ S-Benzyl- <i>iso</i> -thiuronium chloride	$C_8H_{12}O_2$ Dimedone	$C_8H_{15}NO_5$ N-(<i>tert</i> .-Butoxycarbonyl)-L-serine
$C_8H_{11}Cl_3O_6$ α -D(+)- <i>gluco</i> -Chloralose	$C_8H_{12}O_4$ Diethyl fumarate Diethyl maleate	$C_8H_{15}NO_6$ N-Acetyl-D-galactosamine N-Acetyl-D-glucosamine
$C_8H_{11}FN_2$ N-(4-Fluorophenyl)-ethylendiamine	$(C_8H_{12}O_4)_n$ 1,4-Butanediol succinate Ethylene glycol adipate	$C_8H_{15}N_5S$ Desmetryn
$C_8H_{11}N$ N-Benzylmethylamine <i>sym</i> .-Collidine N,N-Dimethylaniline 2,3-Dimethylaniline 2,4-Dimethylaniline 2,5-Dimethylaniline 2,6-Dimethylaniline 3,4-Dimethylaniline N-Ethylaniline 2-Ethylaniline 3-Ethylaniline 4-Ethylaniline DL- α -Methylbenzylamine (+)- α -Methylbenzylamine (-)- α -Methylbenzylamine Phenethylamine 4-Propylpyridine	$(C_8H_{12}O_5)_n$ Diethylene glycol succinate	C_8H_{16} Cyclooctane Di- <i>iso</i> -butylene <i>cis, trans</i> -1,2-Dimethylcyclohexane <i>cis, trans</i> -1,3-Dimethylcyclohexane <i>cis, trans</i> -1,4-Dimethylcyclohexane Octene-(1) 2,4,4-Trimethylpentene-(1) 2,4,4-Trimethylpentene-(2)
$C_8H_{11}NO$ 3-(Dimethylamino) phenol N-(2-Hydroxyethyl)aniline o-Phenetidine p-Phenetidine	$C_8H_{12}O_6$ 1,1,2-Triacetoxyethane	$C_8H_{16}Br_2$ 1,8-Dibromooctane
$C_8H_{11}NO_2$ 2,4-Dimethoxyaniline 2,5-Dimethoxyaniline 3,5-Dimethoxyaniline <i>cis</i> -Hexahydrophthalimide	$C_8H_{12}O_8Pb$ Lead(IV) acetate	$C_8H_{16}J_2$ 1,8-Diiodooctane
$C_8H_{11}NO_3$ Ethyl ethoxymethylenecyanoacetate	$C_8H_{12}Sn$ Tetravinyltin	$C_8H_{16}N_2O_3$ DL-Alanyl-DL-norvaline
$C_8H_{11}N_2NaO_3$ Sodium diethylbarbiturate	$C_8H_{13}NO_5$ Diethyl formaminomalonate	$C_8H_{16}O$ Caprylaldehyde Cyclooctanol 2,3-Dimethylcyclohexanol 2,4-Dimethylcyclohexanol 2,6-Dimethylcyclohexanol 3,4-Dimethylcyclohexanol 3,5-Dimethylcyclohexanol 2-Ethylcyclohexanol 3-Hydroxymethylheptene-(3) 2-Methyl-3-heptanone 5-Methyl-3-heptanone Octanone-(2) Octanone-(3)
$C_8H_{11}N_5$ 1-Phenylbiguanid	C_8H_{14} Cyclooctene Octyne-(1) Octyne-(2) Octyne-(3) Octyne-(4)	$C_8H_{16}O_2$ 1,4-Bis-(hydroxymethyl)-cyclohexane <i>iso</i> -Butyl- <i>iso</i> -butyrate <i>n</i> -Caprylic acid Ethyl hexanoate 2-Ethylhexanoic acid Hexyl acetate Methyl enanthate <i>iso</i> -Octanoic acid Pentyl propionate
$C_8H_{11}NaO_5$ Diethyl oxalacetate, sodium derivative	$C_8H_{14}ClN_5$ Atrazin	$C_8H_{16}O_3$ 2,5-Diethoxytetrahydrofuran
C_8H_{12} Cyclooctadiene-(1,3) Cyclooctadiene-(1,5) 4-Vinylcyclohexene	$C_8H_{14}Cl_2N_2$ N,N-Dimethyl-p-phenylenediamine dihydrochloride	$C_8H_{16}O_4$ 3-Hydroxybutanone-(2) (dimer) 12-Crown-4 Ethyl diethoxyacetate
$C_8H_{12}ClNO_2$ 4'-Deoxypyridoxol hydrochloride 3-Hydroxytyraminium chloride	$C_8H_{14}Cl_2N_2O_2 \cdot H_2O$ Pyridoxamine dihydrochloride	$C_8H_{17}Br$ 1-Bromooctane
$C_8H_{12}N_2$ 1,3-Bis(aminomethyl)-benzene N,N-Dimethyl-p-phenylenediamine 4,5-Dimethyl-o-phenylenediamine Suberodinitrile	$C_8H_{14}N_2O_4$ Di- <i>iso</i> -propyl azodicarboxylate	$C_8H_{17}Cl$ 1-Chlorooctane
$C_8H_{12}N_2O_2$ Ethylene glycol-bis-(2-cyanoethyl ether)	$C_8H_{14}N_8O_8S$ 4,5-Diaminouracil sulphate-(5,6)	$C_8H_{17}Cl_2N$ 1-(3-Chloropropyl)-piperidinium chloride
	$C_8H_{14}O$ Cyclooctanone 2,6-Dimethylcyclohexanone 4-Methylheptadiene-(1,6)-ol-(4)	$C_8H_{17}F$ 1-Fluorooctane
	$C_8H_{14}O_2$ Butyl methacrylate <i>iso</i> -Butyl methacrylate	$C_8H_{17}J$ 1-Iodooctane
	$C_8H_{14}O_3$ <i>tert</i> .-Butylacetoacetate Butyric anhydride <i>iso</i> -Butyric anhydride 2-Ethoxyethyl methacrylate	
	$C_8H_{14}O_4$ Diethyl methylmalonate Diethyl succinate Suberic acid	
	$C_8H_{14}O_4S_2$ 4,4'-Dithiodibutyric acid	
	$C_8H_{14}O_6$ Diethyl L(+)-tartrate	
	$C_8H_{15}BrO_2$ 2-Bromooctanoic acid	
	$C_8H_{15}N$ Caprylonitrile	

C₈H₁₇N N,N-Dimethylcyclohexylamine N-Ethylcyclohexylamine	C₈H₂₃N₅ Tetraethylenepentamine	C₉H₆JNO₄S 7-Iodo-8-hydroxyquinoline-5-sulphonic acid
C₈H₁₇NO N-(2-Hydroxyethyl)cyclohexylamine	C₉F₁₇KO₄ 2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonanoic acid potassium salt	C₉H₆N₂O₂ Toluylene-2,4-diisocyanate
C₈H₁₈ Octane <i>iso</i> -Octane <i>n</i> -Octane	C₉F₁₈ Perfluoropropene	C₉H₆N₂O₃ 5-Nitro-8-hydroxyquinoline
C₈H₁₈BrN DL-Coniine hydrobromide	C₉F₁₈O₃ 2,5-Bis-(trifluoromethyl)-perfluoro-3,6-dioxanonanoyl fluoride	C₉H₆O₂ Indanedione-(1,3)
C₈H₁₈Cl₂Sn Dibutyltin dichloride	C₉Fe₂O₉ <i>di</i> -Iron-nonacarbonyl	C₉H₆O₃ 2-Benzofurancarboxylic acid 4-Hydroxycoumarin
C₈H₁₈O Di- <i>n</i> -butyl ether 2,2-Dimethylhexanol-(3) 2,3-Dimethylhexanol-(3) 2,4-Dimethylhexanol-(3) 2,5-Dimethylhexanol-(2) 2,5-Dimethylhexanol-(3) 3,5-Dimethylhexanol-(3) 2-Ethylhexanol 2-Methyl-2-heptanol 2-Methyl-3-heptanol 2-Methyl-4-heptanol 5-Methyl-3-heptanol 6-Methyl-2-heptanol 6-Methyl-3-heptanol 1-Octanol 2-Octanol 3-Octanol	C₉HF₁₇O₂ Perfluorononanoic acid	C₉H₆O₄ Esculetine Ninhydrin
C₈H₁₈O₂ Di- <i>tert</i> .-butyl peroxide 2,5-Dimethyl-2,5-hexanediol Ethylene glycol ethyl- <i>tert</i> .-butyl ether 1,8-Octanediol	C₉H₄Cl₃NO₂S Folpet	C₉H₆O₆ 1,2,3-Benzenetricarboxylic acid 1,2,4-Benzenetricarboxylic acid 1,3,5-Benzenetricarboxylic acid
C₈H₁₈O₃ Diethylene glycol diethyl ether Diethylene glycol monobutyl ether Triethyl orthoacetate 1,1,2-Triethoxyethane	C₉H₄Cl₆O₂ Endosulphan lactone	C₉H₇ClO Cinnamoyl chloride
C₈H₁₈O₄ Triethylene glycol dimethyl ether	C₉H₄Cl₈O Telodrine	C₉H₇ClO₂ <i>trans</i> -2-Chlorocinnamic acid <i>trans</i> -3-Chlorocinnamic acid <i>trans</i> -4-Chlorocinnamic acid
C₈H₁₈S Di- <i>tert</i> .-butyl sulphide Dibutyl sulphide 1-Octanethiol	C₉H₄O₅ 1,2,4-Benzenetricarboxylic acid anhydride-1,2	C₉H₇ClO₃ Acetylsalicyloyl chloride
C₈H₁₈S₂ Di- <i>tert</i> .-butyl disulphide	C₉H₅BrClNO 7-Bromo-5-chloro-8-hydroxyquinoline	C₉H₇Cl₃O₃ 2,4,5-T-methyl ester 2,4,5-TP (Fenoprop)
C₈H₁₉N 2-Aminooctane Di- <i>n</i> -butylamine N,N-Di- <i>iso</i> -propylethylamine 2-Ethylhexylamine <i>n</i> -Octylamine	C₉H₅Br₂NO 5,7-Dibromo-8-hydroxyquinoline	C₉H₇FO₂ <i>trans</i> -2-Fluorocinnamic acid <i>trans</i> -4-Fluorocinnamic acid
C₈H₁₉N 2-Aminooctane Di- <i>n</i> -butylamine N,N-Di- <i>iso</i> -propylethylamine 2-Ethylhexylamine <i>n</i> -Octylamine	C₉H₅Cl₂NO 5,7-Dichloro-8-hydroxyquinoline	C₉H₇F₃O 2-Trifluoromethylacetophenone 4-Trifluoromethylacetophenone
C₈H₁₉O₂PS₃ Disulfoton	C₉H₅Cl₃N₄ Anilazine	C₉H₇F₄NO₃ 2-Tetrafluoroethoxy-5-nitrotoluene
C₈H₂₀BrN Tetraethylammonium bromide	C₉H₅F₁₃O 1H,1H,2H,3H,3H-Perfluorononylene oxide-(1,2)	C₉H₇N Cinnamitrile Isoquinoline Quinoline
C₈H₂₀FN Tetraethylammonium fluoride solution	C₉H₅F₁₃O₂ Ethyl perfluoroheptanoate	C₉H₇NO 2-Hydroxyquinoline 4-Hydroxyquinoline 6-Hydroxyquinoline 8-Hydroxyquinoline
C₈H₂₀N₂ 1,3-Bis-(dimethylamino)butane Octamethylenediamine	C₉H₅J₂NO 5,7-Diiodo-8-hydroxyquinoline	C₉H₇NO₂ Indole-2-carboxylic acid Indole-3-carboxylic acid Indole-5-carboxylic acid
C₈H₂₀O₄Si Ethyl silicate	C₉H₆CIN 2-Chloroquinoline	C₉H₇NO₃ N-Hydroxymethylphthalimide 2-Nitrocinnamaldehyde 4-Nitrocinnamaldehyde
C₈H₂₁NO Tetraethylammonium hydroxide solution	C₉H₆ClNO 5-Chloro-8-hydroxyquinoline	C₉H₇NO₄ <i>trans</i> -2-Nitrocinnamic acid 4-Nitrocinnamic acid
	C₉H₆Cl₆O Endosulphan ether	C₉H₇NO₄S · H₂O 8-Hydroxyquinoline-5-sulphonic acid
	C₉H₆Cl₆O₃S Endosulphan (α + β = 2 + 1) α-Endosulphane β-Endosulphane	C₉H₇NaO₃ Phenylpyruvic acid sodium salt
	C₉H₆Cl₆O₄S Endosulphan sulphate	C₉H₈ Indene
	C₉H₆Cl₈ Alodane	C₉H₈Br₂O₂ α,β-Dibromohydrocinnamic acid
	C₉H₆FNO₂ 2-Carboxy-5-fluoroindole	C₉H₈ClFO 2-Chloro-6-fluorophenyl acetone
	C₉H₆F₄O₂ 2-Tetrafluoroethoxybenzaldehyde 3-Tetrafluoroethoxybenzaldehyde 4-Tetrafluoroethoxybenzaldehyde	
	C₉H₆F₁₃J 1H,1H,1H,2H,3H,3H-Perfluoro-2-iodononane	

C₉H₈ClNO
8-Hydroxyquinoline hydrochloride

C₉H₈ClNS
Thiooxene hydrochloride

C₉H₈Cl₂O₃
Dichloroprop
2,4-D-methyl ester

C₉H₈Cl₃NO₂S
Captan

C₉H₈Cl₆O₂
Endosulphan alcohol

C₉H₈F₄O
2-Tetrafluoroethoxytoluene
3-Tetrafluoroethoxytoluene
4-Tetrafluoroethoxytoluene

C₉H₈N₂
8-Aminoquinoline
2-Methylquinoxaline
2-Phenylimidazole
1-Phenylpyrazole

C₉H₈O
trans-Cinnamaldehyde
Indanone-(1)

C₉H₈O₂
Cinnamic acid
Dihydrocoumarin

C₉H₈O₃
2-Acetylbenzoic acid
endo-cis-Bicyclo[2,2,1]-heptene-(5)-dicarboxylicanhydride-(2,3)
trans-2-Hydroxycinnamic acid
trans-3-Hydroxycinnamic acid
trans-4-Hydroxycinnamic acid
Phenylpyruvic acid

C₉H₈O₄
Acetylsalicylic acid
3,4-Dihydroxycinnamic acid
4-Hydroxyphenylpyruvic acid
Phenylmalonic acid

C₉H₇Br
3-Bromo-1-phenyl-1-propen

C₉H₇BrO
2-Bromopropiophenone

C₉H₇BrO₂
Benzyl bromoacetate

C₉H₇Cl
4-Chloro- α -methylstyrene

C₉H₇ClO₂
2-Phenoxypropionyl chloride

C₉H₇ClO₃
MCPA

C₉H₇FO
2-Fluorophenylacetone
4-Fluorophenylacetone
4-Fluoropropiophenone

C₉H₇FO₂
Ethyl 2-fluorobenzoate
Ethyl 3-fluorobenzoate
Ethyl 4-fluorobenzoate
3-Fluoro-4-methoxyacetophenone

C₉H₇F₄NO₂S
N-Tetrafluoroethyl-N-methylbenzene sulphonamide

C₉H₇I₂NO₃ · 2H₂O
3,5-Diiodo-L-tyrosine

C₉H₇N
1-Methylindole
2-Methylindole
3-Methylindole
2-Tolylacetonitrile
3-Tolylacetonitrile
4-Tolylacetonitrile

C₉H₇NO
5-Methoxyindole

C₉H₇NO₂
4-Acetamidobenzaldehyde
2,6-Dimethoxybenzonitrile
3,4-Dimethoxybenzonitrile
Methyl 4-aminocinnamate
5-Nitroindane

C₉H₇NO₂S
Toluenesulphonyl-(4)-methyl *iso*-cyanide

C₉H₇NO₃
3-Acetamidobenzoic acid
Hippuric acid

C₉H₇NO₄
4-Methoxy-3-nitroacetophenone

C₉H₇NS
3-Methylbenzyl thiocyanate

C₉H₇N₂NaO₃ · H₂O
4-Aminohippuric acid sodium salt monohydrate

C₉H₇N₃O
3-Amino-1-phenyl-5-pyrazolone

C₉H₇N₃O₂
Carbendazime (BCM)

C₉H₇N₃O₂S₂
N¹-2-Thiazolylsulphanilamide

C₉H₇N₅
2,4-Diamino-6-phenyl-1,3,5-triazine

C₉H₁₀
Allylbenzene
Hydrindene
Methylstyrene
 α -Methylstyrene
2-Methylstyrene
3-Methylstyrene
4-Methylstyrene

C₉H₁₀ClNO
2-Chloro-4-dimethylaminobenzaldehyde

C₉H₁₀Cl₂N₂O
Diuron

C₉H₁₀Cl₂N₂O₂
Linuron

C₉H₁₀FNO₂
2-Fluoro-DL-phenylalanine
3-Fluoro-DL-phenylalanine
4-Fluoro-DL-phenylalanine

C₉H₁₀JNO₃
3-Iodo-L-tyrosine

C₉H₁₀N₂
4-Dimethylaminobenzonitrile
5,6-Dimethylbenzimidazole
2-Phenylimidazoline

C₉H₁₀N₂O
1-Phenylpyrazolidone-(3)

C₉H₁₀N₂O₃
4-Aminohippuric acid

C₉H₁₀O
Benzyl methyl ketone
Cinnamyl alcohol
Hydrocinnamaldehyde
5-Indanol
4-Methylacetophenone
2-Phenylpropionaldehyde
Propiophenone

C₉H₁₀O₂
Benzyl acetate
2,4-Dimethylbenzoic acid
3,4-Dimethylbenzoic acid
3,5-Dimethylbenzoic acid
4-Ethoxybenzaldehyde
Ethyl benzoate
Hydratropic acid
Hydrocinnamic acid
2-Hydroxypropiophenone
4-Hydroxypropiophenone
2-Methoxyacetophenone
3-Methoxyacetophenone
4-Methoxyacetophenone
Methyl 3-methylbenzoate
2-Tolylacetic acid
3-Tolylacetic acid
4-Tolylacetic acid

C₉H₁₀O₃
3-Cresoxyacetic acid
2,4-Dihydroxypropiophenone
2,3-Dimethoxybenzaldehyde
2,4-Dimethoxybenzaldehyde
2,5-Dimethoxybenzaldehyde
3,5-Dimethoxybenzaldehyde
Ethyl salicylate
Ethyl 3-hydroxybenzoate
Ethylvanillin
3-(4-Hydroxyphenyl)propionic acid
2-Methoxyphenylacetic acid
3-Methoxyphenylacetic acid
4-Methoxyphenylacetic acid
Methyl 2-methoxybenzoate
2-Phenoxypropionic acid
DL-Tropic acid
Veratraldehyde

C₉H₁₀O₄
2,3-Dimethoxybenzoic acid
2,4-Dimethoxybenzoic acid
2,6-Dimethoxybenzoic acid
Homovanillic acid
Syringaldehyde
Veratric acid

C₉H₁₀O₅
4-Hydroxy-3-methoxymandelic acid
Syringic acid

C₉H₁₀O₃ · 0.5H₂O
DL-Atrolactic acid hemihydrate

C₉H₁₁Br
4-Bromocumene
2-Bromomesitylene
3-Phenylpropyl bromide

C₉H₁₁BrN₂O₂
Metobromuron

C₉H₁₁BrN₂O₅
5-Bromodeoxyuridine

C₉H₁₁BrN₂O₆
5-Bromonuridine

C₉H₁₁BrO
3-Phenoxypropyl bromide

C₉H₁₁ClN₂O
Monuron

C₉H₁₁ClN₂O₂
Monolinuron

C₉H₁₁FN₂O₅
5-Fluorodeoxyuridine

C₉H₁₁JN₂O₅
5-Iodo-2'-deoxyuridine

C₉H₁₁JN₂O₆
5-Iodouridine

C₉H₁₁N
5-Aminoindane
1,2,3,4-Tetrahydroisoquinoline
1,2,3,4-Tetrahydroquinoline

C₉H₁₁NO 4-Dimethylaminobenzaldehyde N-Methylacetanilide	C₉H₁₃N N-Benzyl dimethylamine N,N-Dimethyl-p-toluidine N-Ethylbenzylamine 4- <i>iso</i> -Propylaniline 2,4,5-Trimethylaniline 2,4,6-Trimethylaniline	C₉H₁₆O Amyl <i>iso</i> -propyl ketone Nonanone-(2) Nonanone-(3) Nonanone-(5) <i>iso</i> -Nonylaldehyde Pelargonaldehyde
C₉H₁₁NO₂ 3-Dimethylaminobenzoic acid 4-Dimethylaminobenzoic acid Ethyl 2-aminobenzoate Ethyl 3-aminobenzoate Ethyl 4-aminobenzoate Nitromesitylene D(+)-Phenylalanine DL-Phenylalanine L(-)-Phenylalanine	C₉H₁₃NO 2-Benzylaminoethanol	C₉H₁₈O₂ Methyl caprylate <i>iso</i> -Nonanoic acid Pelargonic acid
C₉H₁₁NO₃ D(+)-Tyrosine DL-Tyrosine L(-)-Tyrosine	C₉H₁₃NO₂ Veratrylamine	C₉H₁₉Br 1-Bromononane
C₉H₁₁NO₃ · H₂O DL-3-Phenylserine monohydrate	C₉H₁₃NO₅ N-(<i>tert</i> .-Butoxycarbonyloxy)-succinimide	C₉H₁₉J Iodononane
C₉H₁₁NO₄ 3,4-Dihydroxy-L-phenylalanine 3,4-Dihydroxy-DL-phenylalanine	C₉H₁₃N₃O₆ Cytidine	C₉H₁₉N N- <i>iso</i> -Propylcyclohexylamine
C₉H₁₁N₂Na₂O₉P Uridine-5'-monophosphoric acid disodium salt	C₉H₁₄Br₃N N-Phenyl-N,N,N-trimethylammonium tribromide	C₉H₂₀ Nonane <i>n</i> -Nonane
C₉H₁₂ Cumene 2-Ethyltoluene 3-Ethyltoluene 4-Ethyltoluene Mesitylene <i>n</i> -Propylbenzene Pseudocumene	C₉H₁₄CIN₃O₄ 2'-Deoxycytidinium chloride	C₉H₂₀CINO₂ Butyrylcholine chloride
C₉H₁₂FJN₂O₂ 4-Fluoro-3-nitrophenyltrimethylammonium iodide	C₉H₁₄N₂ Azelanitrile	C₉H₂₀JNOS Butyrylthiocholine iodide
C₉H₁₂FN 4-Fluoro-2-methyl-N,N-dimethylaniline	C₉H₁₄N₃O₈P Cytidine monophosphoric acid Cytidine-2'(3')-monophosphoric acid	C₉H₂₀JNO₂ Butyrylcholine iodide
C₉H₁₂NO₅PS Fenitrothione	C₉H₁₄N₄O₃ L(+)-Carnosine	C₉H₂₀N₂ N-Cyclohexyl-1,3-diaminopropane
C₉H₁₂N₂Na₃O₁₅P₃ · 2H₂O Uridine-5'-triphosphoric acid trisodium salt	C₉H₁₄O 2,6-Dimethyl-2,5-heptadiene-4-one Isophorone	C₉H₂₀N₂S N,N'-Dibutylthiourea
C₉H₁₂N₂O Fenuron	C₉H₁₄O₄ Diethyl cyclopropane-1,1-dicarboxylate	C₉H₂₀O 1-Nonanol 2-Nonanol 4-Nonanol 5-Nonanol <i>iso</i> -Nonanol
C₉H₁₂N₂O₅ 2'-Deoxyuridine	(C₉H₁₄O₄)_n 1,5-Pentanediol succinate	C₉H₂₀O₃ Diethylene glycol methyl- <i>tert</i> .-butyl ether Triethyl orthopropionate
C₉H₁₂N₂O₆ Uridine	C₉H₁₄O₅ Diethyl acetone dicarboxylate	C₉H₂₁AlO₃ Aluminiumtri <i>iso</i> -propylate
C₉H₁₂N₃Na₂O₈P Cytidine-5'-monophosphoric acid disodium salt	C₉H₁₄O₆ Diethyl acetoxymalonate Glycerol triacetate	C₉H₂₁N Nonylamine <i>iso</i> -Nonylamine Tripropylamine
C₉H₁₂N₃Na₃O₁₁P₂ · 2H₂O Cytidine-5'-diphosphoric acid trisodium salt	C₉H₁₅AlO₉ Aluminium lactate	C₉H₂₁NO₃ Tri- <i>iso</i> -propanolamine
C₉H₁₂O 4-Methylphenylmethylcarbinol 1-Phenylpropanol-(1) 2-Phenylpropanol-(1) 3-Phenylpropanol-(1) 2,3,5-Trimethylphenol 2,3,6-Trimethylphenol	C₉H₁₅NO₂ Ethyl <i>sec</i> .-butylcyanoacetate	C₉H₂₂N₂S₂ Diethylammonium diethyldithiocarbamate
C₉H₁₂O₂ Cumene hydroperoxide	C₉H₁₅NO₅ Diethyl acetamidomalonate	C₉H₂₂O₄P₂S₄ Ethion
C₉H₁₂O₃ 1,2,3-Trimethoxybenzene 1,2,4-Trimethoxybenzene 1,3,5-Trimethoxybenzene	C₉H₁₆CIN₅ Propazine	C₁₀BrF₂₁ Perfluorodecyl bromide
C₉H₁₂O₃S Ethyl-(4)-toluenesulphonate	C₉H₁₆N₂ 1,5-Diazabicyclo[5.4.0]undec-5-ene	C₁₀Cl₁₀ Dienochlor
C₉H₁₂O₃S · 2H₂O 2,4,6-Trimethylbenzenesulphonic acid dihydrate	C₉H₁₆N₂O₅ N ^α -(<i>tert</i> .-Butoxycarbonyl)-L-asparagine	C₁₀D₈ Naphthalene-d ₈
	C₉H₁₆O₄ Azelainic acid Diethyl dimethylmalonate Diethyl glutarate	C₁₀F₁₈ Perfluorodecahydronaphthalene
	C₉H₁₇BrO₂ 2-Bromononanoic acid Ethyl 2-bromoheptanoate	C₁₀F₂₁J Perfluorodecyl iodide
	C₉H₁₇NO₅ D-Pantothenic acid solution	C₁₀HF₂₁ 1H-Perfluorodecane
	C₉H₁₈ 1-Nonene 4-Nonene 1,3,5-Trimethylcyclohexane	C₁₀H₂ClF₁₇O (Perfluorooctyl)-acetyl chloride
	C₉H₁₈Br₂ 1,9-Dibromononane	C₁₀H₂O₆ Pyromellitic dianhydride

$C_{10}H_3F_{17}$
1H,1H,2H-Perfluorodecene-(1)

$C_{10}H_4Cl_2O_2$
2,3-Dichloronaphthoquinone-(1,4)

$C_{10}H_4F_{17}J$
1H,1H,2H,2H-Perfluorodecyl iodide

$C_{10}H_4N_2Na_2O_8S$
Naphthol yellow S

$C_{10}H_5Cl_7$
Heptachloro

$C_{10}H_5Cl_7O$
Heptachloro epoxide

$C_{10}H_6F_{15}O_2$
Ethyl perfluorocaprylate

$C_{10}H_5F_{17}O$
1H,1H,2H,2H-Perfluorodecanol

$C_{10}H_5NNa_2O_8S_2$
Nitroso R salt

$C_{10}H_5NaO_5S$
Sodium naphthoquinone-(1,2)-sulphonate-(4)

$C_{10}H_6Br_2$
1,4-Dibromonaphthalene

$C_{10}H_6Cl_2O$
2,4-Dichloronaphthol-(1)

$C_{10}H_6Cl_4O_4$
Chlorothalmethyl

$C_{10}H_6N_2OS_2$
Chinomethionate

$C_{10}H_6N_2O_4$
1,5-Dinitronaphthalene

$C_{10}H_6N_2O_4S$
4-Amino-2-hydroxy-1-naphthalenesulphonic acid, diazotized

$C_{10}H_6Na_2O_7S_2$
2-Naphthol-3,6-disulphonic acid disodium salt

$C_{10}H_6Na_2O_8S_2 \cdot 2H_2O$
Chromotropic acid

$C_{10}H_6O_2$
1,2-Naphthoquinone
1,4-Naphthoquinone

$C_{10}H_6O_3$
2-Hydroxynaphthoquinone-(1,4)
Juglone

$C_{10}H_6O_3S$
1,8-Naphthosultone

$C_{10}H_6O_8$
Pyromellitic acid

$C_{10}H_7Br$
1-Bromonaphthalene
2-Bromonaphthalene

$C_{10}H_7BrO$
1-Bromonaphthol-(2)

$C_{10}H_7Cl$
2-Chloronaphthalene

$C_{10}H_7ClFNO$
2-(2-Chloro-6-fluorophenyl)-acetoacetnitrile

$C_{10}H_7F$
1-Fluoronaphthalene

$C_{10}H_7F_3O_2$
Benzoyl-1,1,1-trifluoroacetone

$C_{10}H_7J$
1-Iodonaphthalene

$C_{10}H_7NO_2$
1-Nitronaphthalene
2-Nitronaphthalene
1-Nitrosonaphthol-(2)
2-Nitrosonaphthol-(1)
N-Phenylmaleimide
Quinaldic acid

$C_{10}H_7NO_3$
2-Hydroxyquinoline-4-carboxylic acid
Kynurenic acid

$C_{10}H_7N_3S$
Thiabendazole

$C_{10}H_7NaO_3S$
Sodium naphthalenesulphonate-(1)
Sodium naphthalenesulphonate-(2)

$C_{10}H_8$
Azulene
Naphthalene

$C_{10}H_8BrNO_2$
N-(2-Bromoethyl)-phthalimide
5-Bromoindoxyl acetate

$C_{10}H_8BrN_3O$
Bromopyrazone

$C_{10}H_8ClFO_3$
2-(2-Chloro-6-fluorophenyl)-acetoacetic acid

$C_{10}H_8ClN_3O$
Chloridazone

$C_{10}H_8FNO$
2-(2-Fluorophenyl)-acetoacetnitrile
2-(4-Fluorophenyl)-acetoacetnitrile

$C_{10}H_8F_4O_3$
Methyl 4-tetrafluoroethoxybenzoate

$C_{10}H_8NNaO_7S_2$
8-Amino-1-naphthol-3,6-disulphonic acid monosodium salt

$C_{10}H_8N_2$
2,2'-Bipyridine
4,4'-Bipyridine
Indole-3-acetonitrile
o-Xylylene dicyanide
m-Xylylene dicyanide

$C_{10}H_8N_2O_4$
 α -Furildioxime

$C_{10}H_8N_4O_5$
Picrolonic acid

$C_{10}H_8NaO_4P$
Sodium naphthyl-1-phosphate

$C_{10}H_8O$
Naphthol-(1)
Naphthol-(2)

$C_{10}H_8O_2$
6-Methylcoumarin
1,3-Naphthalenediol
1,4-Naphthalenediol
1,5-Naphthalenediol
Naphthalenediol-1,6
Naphthalenediol-1,7
2,3-Naphthalenediol
Naphthalenediol-(2,6)
2,7-Naphthalenediol

$C_{10}H_8O_3$
6-Hydroxy-4-methylcoumarin
4-Methylumbelliferone

$C_{10}H_8O_4$
5,7-Dihydroxy-4-methylcoumarin

$(C_{10}H_8O_4)_n$
Ethylene glycol isophthalate

$C_{10}H_9ClN_2$
4-Pyridylpyridinium chloride

$C_{10}H_9Cl_3O_3$
2,4,5-TP-methyl ester

$C_{10}H_9Cl_4NO_2S$
Captafol

$C_{10}H_9Cl_4O_4P$
Tetrachlorvinphos

$C_{10}H_9FO_3$
3-(4-Fluorobenzoyl)-propionic acid
2-(2-Fluorophenyl)-acetoacetic acid
2-(4-Fluorophenyl)-acetoacetic acid

$C_{10}H_9N$
3-Methyl *iso*-quinoline
6-Methylquinoline
8-Methylquinoline
Naphthylamine-(1)
Quinaldine

$C_{10}H_9NO$
3-Acetylindole
1-Amino-7-naphthol
2-Hydroxy-4-methylquinoline
8-Hydroxyquinaldine

$C_{10}H_9NO_2$
3-Indolyl acetate
Indolyl-3-acetate
Indolyl-3-acetic acid

$C_{10}H_9NO_3$
5-Hydroxyindol-3-yl acetic acid

$C_{10}H_9NO_3S$
4-Amino-1-naphthalenesulphonic acid
5-Amino-1-naphthalenesulphonic acid
7-Amino-1-naphthalenesulphonic acid

$C_{10}H_9NO_4S$
1-Amino-2-hydroxy-4-naphthalenesulphonic acid
6-Amino-1-hydroxy-3-naphthalenesulphonic acid

$C_{10}H_9NO_6S_2$
3,6-Amino-1-naphthalenedisulphonic acid

$C_{10}H_9N_3$
2,2'-Dipyridylamine

$C_{10}H_{10}$
Divinylbenzene solution

$C_{10}H_{10}ClFO$
 ω -Chloro-4-fluorobutyrophenone

$C_{10}H_{10}Cl_2O_2$
Chlorophenprop-methyl

$C_{10}H_{10}Cl_2O_3$
2,4-DB
Dichloroprop-methyl ester

$C_{10}H_{10}Fe$
Ferrocene

$C_{10}H_{10}N_2$
4-Aminoquinaldine
Naphthalenediamine-(1,5)
Naphthalenediamine-(1,8)

$C_{10}H_{10}N_2O$
1-Phenyl-3-methylpyrazolone-(5)

$C_{10}H_{10}O$
Benzylideneacetone
 α -Tetralone

$C_{10}H_{10}O_2$
Benzoylacetone
Methyl cinnamate
Safrole

$C_{10}H_{10}O_3$
3-Benzoylpropionic acid
trans-2-Methoxycinnamic acid
trans-3-Methoxycinnamic acid
trans-4-Methoxycinnamic acid

$C_{10}H_{10}O_4$ Benzylmalonic acid Dimethyl phthalate Dimethyl terephthalate Dimethyl <i>iso</i> -phthalate 4-Hydroxy-3-methoxycinnamic acid DL-Phenylsuccinic acid	$C_{10}H_{12}N_6Na_2O_8P \cdot 2H_2O$ Guanosine-5'-monophosphoric acid disodium salt	$C_{10}H_{13}N_5O_3 \cdot H_2O$ 2'-Deoxyadenosine
$C_{10}H_{11}ClO$ ω-Chlorobutyrophenone 4-Chlorobutyrophenone 2-Phenylbutyryl chloride	$C_{10}H_{12}N_5Na_3O_{11}P_2$ Guanosine-5'-diphosphoric acid trisodium salt	$C_{10}H_{13}N_5O_4$ Adenosine 2'-Deoxyguanosine
$C_{10}H_{11}ClO_3$ MCPA-methyl ester Mecoprop	$C_{10}H_{12}N_5O_6P$ Adenosine-3',5'-cyclophosphoric acid	$C_{10}H_{13}N_5O_5$ Guanosine
$C_{10}H_{11}FO_3$ 4-(3-Fluoro-4-hydroxyphenyl)butyric acid	$C_{10}H_{12}N_{10}O_4S$ Adenine sulphate	$C_{10}H_{14}$ Butylbenzene <i>sec.</i> -Butylbenzene <i>tert.</i> -Butylbenzene p-Cymene 1,2-Diethylbenzene 1,3-Diethylbenzene 1,2,4,5-Tetramethylbenzene
$C_{10}H_{11}F_3N_2O$ Fluomethuron	$C_{10}H_{12}O$ Benzylacetone Butyrophenone Ethyl benzyl ketone 3-Methylpropiophenone 4-Propylbenzaldehyde 4- <i>iso</i> -Propylbenzaldehyde α-Tetralol 2,4,6-Trimethylbenzaldehyde	$C_{10}H_{14}ClNO_2$ Methyl L-phenylalaninate hydrochloride
$C_{10}H_{11}N$ 1,2-Dimethylindole 2-Phenylbutyronitrile 4-Phenylbutyronitrile	$C_{10}H_{12}O_2$ Ethyl phenylacetate 4-Methoxypropiophenone 2-Phenylbutyric acid 3-Phenylbutyric acid 4-Phenylbutyric acid Tetramethyl-1,4-benzoquinone 2,4,6-Trimethylbenzoic acid	$C_{10}H_{14}ClNO_3$ Methyl-L-tyrosinate hydrochloride
$C_{10}H_{11}NO$ Indole-3-ethanol	$C_{10}H_{12}O_3$ 2,4-Dimethoxyacetophenone Ethyl mandelate Propyl 4-hydroxybenzoate	$C_{10}H_{14}Cl_2N_2$ Chlorodimeform hydrochloride
$C_{10}H_{11}NO_2$ Acetoacetanilide Veratryl cyanide	$C_{10}H_{12}O_4$ 3,4-Dimethoxyphenylacetic acid 2,4,6-Trimethoxybenzaldehyde	$C_{10}H_{14}CoO_4$ Cobalt(II) acetylacetonate
$C_{10}H_{11}NO_3$ 3,4,5-Trimethoxybenzonitrile	$C_{10}H_{12}O_5$ Propyl gallate 3,4,5-Trimethoxybenzoic acid	$C_{10}H_{14}CuO_4$ Copper(II) acetylacetonate
$C_{10}H_{11}NO_4$ N-Benzylloxycarbonylglycine	$C_{10}H_{13}BrN_2O_3$ <i>iso</i> -Propyl-β-bromallylbarbituric acid	$C_{10}H_{14}FeO_4$ Iron(II) acetylacetonate
$C_{10}H_{11}N_3O_2$ Neocupferron	$C_{10}H_{13}Cl$ 2-Chloromethyl-2-phenylpropane	$C_{10}H_{14}K_2N_2O_8 \cdot 2H_2O$ Ethylenediaminetetraacetic acid dipotassium salt dihydrate
$C_{10}H_{11}N_4Na_2O_8P \cdot 8H_2O$ Inosine-5'-phosphoric acid disodium salt	$C_{10}H_{13}Cl_2$ Chlorodimeform	$C_{10}H_{14}MgO_4$ Magnesium acetylacetonate
$C_{10}H_{11}N_4Na_3O_{11}P_2$ Inosine-5'-diphosphate trisodium salt	$C_{10}H_{13}ClN_2$ Chlorodimeform	$C_{10}H_{14}MnO_4$ Manganese(II) acetylacetonate
$C_{10}H_{12}$ Dicyclopentadiene 2,6-Dimethylstyrene 1,2,3,4-Tetrahydronaphthalene	$C_{10}H_{13}ClN_2O$ Chlorotoluron	$C_{10}H_{14}MoO_6$ Molybdenyl acetylacetonate
$C_{10}H_{12}BrCl_2O_3PS$ Bromophos-ethyl	$C_{10}H_{13}CIN_2O_2$ Methoxuron	$C_{10}H_{14}NO_5PS$ Parathion-ethyl
$C_{10}H_{12}ClNO_2$ Chloropropham	$C_{10}H_{13}ClO$ 4-Chlorothymol	$C_{10}H_{14}NO_6P$ Paraoxon
$C_{10}H_{12}K_2MgN_2O_8 \cdot 2H_2O$ Magnesium-IDRANAL®	$C_{10}H_{13}Cl_2O_3PS$ Dichlofenthion	$C_{10}H_{14}N_2$ Nicotine
$C_{10}H_{12}N_2Na_2O_8Zn \cdot 4H_2O$ Zinc-IDRANAL®	$C_{10}H_{13}N$ 5-Amino-1,2,3,4-tetrahydronaphthalene	$C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ Ethylenediaminetetraacetic acid disodium salt dihydrate IDRANAL® III
$C_{10}H_{12}N_2Na_4O_8 \cdot nH_2O$ Ethylenediaminetetraacetic acid tetrasodium salt	$C_{10}H_{13}NO$ 2-Phenylbutyramide	$C_{10}H_{14}N_2O$ 4-Nitroso-N,N-diethylaniline
$C_{10}H_{12}N_2O$ 2-(3-Hydroxypropyl)benzimidazole	$C_{10}H_{13}NO_2$ Butyl nicotinate Phenacetin Propham (IPC)	$C_{10}H_{14}N_2O_5$ Thymidine
$C_{10}H_{12}N_2O_5$ Dinoseb	$C_{10}H_{13}NO_2S$ S-Benzyl-L-cysteine	$C_{10}H_{14}N_5Na_2O_{13}P_3$ Adenosine-5'-triphosphoric acid disodium salt
$C_{10}H_{12}N_3O_3PS_2$ Azinphos-methyl	$C_{10}H_{13}NO_3$ α-Methyl-DL-tyrosine	$C_{10}H_{14}N_5O_7P$ Adenosine-2'-monophosphoric acid Adenosine-3'-monophosphoric acid
$C_{10}H_{12}N_4O_4$ 2'-Deoxyinosine	$C_{10}H_{13}N_2Na_3O_8$ Ethylenediaminetetraacetic acid trisodium salt	$C_{10}H_{14}NiO_4$ Nickel(II) acetylacetonate
$C_{10}H_{12}N_4O_5$ Inosine		$C_{10}H_{14}O$ 2- <i>sec.</i> -Butylphenol 2- <i>tert.</i> -Butylphenol 4- <i>tert.</i> -Butylphenol 4- <i>sec.</i> -Butylphenol 2,6-Dimethyl-α-methylbenzyl alcohol Thymol
$C_{10}H_{12}N_4O_6$ Xanthosine		$C_{10}H_{14}O_2$ 4- <i>tert.</i> -Butylpyrocatechol Phenylacetaldehyde dimethyl acetal
$C_{10}H_{12}N_5Na_2O_9P$ Guanosine-2'(3')-phosphate disodium salt		

$C_{10}H_{14}O_4$ Ethylene glycol dimethacrylate	$C_{10}H_{16}O_4S$ D(+)-Camphorsulphonic acid	$C_{10}H_{20}N_2PbS_4$ Lead diethyl dithiocarbamate
$C_{10}H_{14}O_4Pd$ Palladium(II) acetylacetonate	$C_{10}H_{16}O_5$ Diethyl ethoxymethylenemalonate	$C_{10}H_{20}O$ 4- <i>tert.</i> -Butylcyclohexanol Caprinaldehyde Decanone-(2) Decanone-(3) (-)-Menthol
$C_{10}H_{14}O_4Zn$ Zinc(II) acetylacetonate	$(C_{10}H_{16}O_5)_n$ Diethylene glycol adipate	$C_{10}H_{20}O_2$ Capric acid Ethyl caprylate Methyl pelargonate
$C_{10}H_{14}O_5Ti \cdot H_2O$ Titanyl acetylacetonate monohydrate	$C_{10}H_{17}Cl_2NOS$ Diallate	$C_{10}H_{20}O_5$ 15-Crown-5
$C_{10}H_{14}O_5V$ Vanadium(IV) oxide acetylacetonate	$C_{10}H_{17}NO$ Benzyltrimethylammonium hydroxide solution	$C_{10}H_{21}Br$ 1-Bromodecane
$C_{10}H_{15}Br$ 1-Bromoadamantane	$C_{10}H_{17}NO_4$ N-(<i>tert.</i> -Butoxycarbonyl)-L-proline	$C_{10}H_{21}J$ 1-Iododecane
$C_{10}H_{15}BrO$ (+)-3-Bromocamphor	$C_{10}H_{17}N_3O_6S$ L-Glutathione	$C_{10}H_{22}$ Decane <i>n</i> -Decane
$C_{10}H_{15}BrO_4S \cdot H_2O$ (+)-3-Bromocamphor-8-sulphonic acid monohydrate (+)-3-Bromocamphor-10-sulphonic acid monohydrate	$C_{10}H_{18}$ Decalin	$C_{10}H_{22}O$ 1-Decanol 5-Decanol <i>iso</i> -Decanol Di- <i>iso</i> -amyl ether
$C_{10}H_{15}N$ 4- <i>tert.</i> -Butylaniline N,N-Diethylaniline	$C_{10}H_{18}BrNO_4S$ (+)-3-Bromocamphor-8-sulphonic acid ammonium salt	$C_{10}H_{22}O_2$ Decanediol-(1,10) Ethylene glycol- <i>n</i> -butyl- <i>tert.</i> -butyl ether
$C_{10}H_{15}NO$ 4-Butoxylaniline 3-Diethylaminophenol L-Ephedrine	$C_{10}H_{18}ClN$ 1-Adamantaneammonium chloride	$C_{10}H_{22}O_3$ Diethylene glycol ethyl- <i>tert.</i> -butyl ether
$C_{10}H_{15}NO_2$ Homoveratrylamine N-Phenyldiethanolamine	$C_{10}H_{18}Cl_2N_2$ N,N,N',N'-Tetramethyl-p-phenylenediammonium dichloride	$C_{10}H_{22}O_5$ Tetraethylene glycol dimethyl ether
$C_{10}H_{15}OPS_2$ Fonophos	$C_{10}H_{18}N_2O_4S$ 4-Amino-N,N-diethylaniline sulphate	$C_{10}H_{22}S$ Decanethiol-(1)
$C_{10}H_{16}$ Adamantane Allocymene Camphene 7-Methyl-3-methylene-1,6-octadiene (+)- α -Pinene (-)- α -Pinene (-)- β -Pinene	$C_{10}H_{18}N_2O_5$ N $^{\alpha}$ -(<i>tert.</i> -Butoxycarbonyl)-L-glutamine	$C_{10}H_{23}N$ Decylamine Dipentylamine
$C_{10}H_{16}BrN$ N-Benzyl-N,N,N-trimethylammonium bromide	$C_{10}H_{18}N_2O_5S$ N-Ethyl-N-(2-hydroxyethyl)-p-phenylenediamine sulphate	$C_{10}H_{23}NO$ 2-Dibutylaminoethanol
$C_{10}H_{16}ClN$ Benzyltrimethylammonium chloride	$C_{10}H_{18}O$ (-)-Borneol 4- <i>tert.</i> -Butylcyclohexanone Geraniol Linalool	$C_{10}H_{24}N_2$ Decanediamine-(1,10) N,N,N',N'-Tetraethylenediamine
$C_{10}H_{16}ClNO$ L-Ephedrine hydrochloride	$C_{10}H_{18}O_3$ Ethyl α,α -diethylacetoacetate Pivalic anhydride 2+3-(Tetrahydrofurfuryloxy)tetrahydropyran Valeric anhydride	$C_{10}H_{26}N_4$ Spermine
$C_{10}H_{16}Cl_3NOS$ Triallat	$C_{10}H_{18}O_4$ Diethyl <i>iso</i> -propylmalonate Sebacic acid	$C_{10}Mn_2O_{10}$ <i>di</i> -Manganese decacarbonyl
$C_{10}H_{16}FeN_3O_8$ Ammonium iron(III)-IDRANAL® Ammonium iron(III)-IDRANAL® solution	$(C_{10}H_{18}O_4)_n$ 1,5-Pentanediol adipate	$C_{11}H_5F_{17}O_2$ Ethyl perfluorononanoate
$C_{10}H_{16}N_2$ 3,6-Diaminodurene Sebacic acid dinitrile	$C_{10}H_{18}O_5$ Di- <i>tert.</i> -butyl dicarbonate	$C_{11}H_6Br_2O_3$ 1,6-Dibromo-2-naphthol-3-carboxylic acid
$C_{10}H_{16}N_2O_8$ Ethylenediaminetetraacetic acid IDRANAL® II	$C_{10}H_{19}BrO_2$ 2-Bromodecanoic acid Ethyl 2-bromooctanoate	$C_{11}H_7BrO$ 1-Bromo-2-naphthaldehyde
$C_{10}H_{16}N_5O_{13}P_3$ Adenosine-5'-triphosphoric acid	$C_{10}H_{19}N$ Capric acid nitrile	$C_{11}H_7ClO$ 1-Naphthoyl chloride 2-Naphthoyl chloride
$C_{10}H_{16}O$ 1-Adamantanol Camphor Citral	$C_{10}H_{19}N_5S$ Prometryne Terbutryne	$C_{11}H_7FO_2$ 4-Fluoro-1-naphthoic acid
$C_{10}H_{16}O_2$ Cyclohexyl methacrylate	$C_{10}H_{19}O_6PS_2$ Malathion	$C_{11}H_7N$ 1-Naphthonitrile 2-Naphthonitrile
$(C_{10}H_{16}O_4)_n$ 1,4-Butanediol adipate	$C_{10}H_{20}$ Decene-(1)	$C_{11}H_7NO$ Naphthyl-(1)- <i>iso</i> -cyanate
	$C_{10}H_{20}Br_2$ 1,10-Dibromodecane	$C_{11}H_8N_3NaO_2$ 4-(2-Pyridylazo)-resorcinol monosodium salt (PAR)
	$C_{10}H_{20}J_2$ 1,10-Diiododecane	

$C_{11}H_8O$ Naphthaldehyde-(1) Naphthaldehyde-(2)	$C_{11}H_{12}O_4$ <i>trans</i> -2,4-Dimethoxycinnamic acid <i>trans</i> -3,4-Dimethoxycinnamic acid	$C_{11}H_{20}O_4$ Diethyl diethylmalonate Diethyl pimelate Diethyl <i>n</i> -butylmalonate Diethyl <i>sec</i> -butylmalonate Diethyl <i>iso</i> -butylmalonate
$C_{11}H_8OS$ 2-Benzoylthiophene	$C_{11}H_{13}ClO_3$ MCPB Mecoprop-methyl ester	$C_{11}H_{21}BrO_2$ 2-Bromoundecanoic acid 11-Bromoundecanoic acid Ethyl 2-bromononanoate
$C_{11}H_8O_2$ 2-Hydroxy-1-naphthalenealdehyde 2-Methyl-1,4-naphthoquinone Naphthalene-1-carboxylic acid Naphthalene-2-carboxylic acid	$C_{11}H_{13}NO$ 4-Dimethylaminocinnamic aldehyde	$C_{11}H_{21}N$ Undecanoic acid nitrile
$C_{11}H_8O_3$ 1-Hydroxy-2-naphthalenecarboxylic acid 3-Hydroxy-2-naphthalenecarboxylic acid	$C_{11}H_{13}NO_4$ L-Aspartic acid- β -benzyl ester N-Benzoyloxycarbonyl-L-alanine	$C_{11}H_{21}NO_4 \cdot H_2O$ N-(<i>tert</i> -Butoxycarbonyl)-L-leucine
$C_{11}H_8Br$ 1-Bromo-2-methylnaphthalene 1-Bromo-4-methylnaphthalene	$C_{11}H_{13}NO_5$ N-Benzoyloxycarbonyl-L-serine	$C_{11}H_{21}N_5OS$ Methoprotrotryne
$C_{11}H_8Cl$ 1-(Chloromethyl)-naphthalene	$C_{11}H_{13}N_3O$ 1-Phenyl-2,3-dimethyl-4-aminopyrazolon-(5)	$C_{11}H_{21}N_5O_6$ N^{α} -(<i>tert</i> -Butoxycarbonyl)- N^{ω} -nitro-L-arginine
$C_{11}H_9NO_2$ 1-Acetyl-3-indolaldehyde 2-Aminonaphthalenecarboxylic-3 acid Indole-3-acrylic acid	$C_{11}H_{14}$ 2,4,6-Trimethylstyrene	$C_{11}H_{22}$ 1-Undecene
$C_{11}H_9NO_4$ N-Ethoxycarbonylphthalimide	$C_{11}H_{14}N_2$ 4-Diethylaminobenzonitrile 3-(Dimethylaminomethyl)indole N-Ethyl-N-cyanoethylaniline	$C_{11}H_{22}Br_2$ 1,11-Dibromoundecane
$C_{11}H_{10}$ 1-Methylnaphthalene 2-Methylnaphthalene	$C_{11}H_{14}O$ Benzyl propyl ketone Benzyl- <i>iso</i> -propyl ketone 2,4,6-Trimethylacetophenone Valerophenone	$C_{11}H_{22}N_2$ 3-Dibutylaminopropionitrile
$C_{11}H_{10}BrNO_2$ N-(3-Bromopropyl)phthalimide	$C_{11}H_{14}O_2$ 4- <i>tert</i> -Butylbenzoic acid Ethyl 3-tolylacetate	$C_{11}H_{22}N_2O$ Cycluron
$C_{11}H_{10}F_3NO_2$ N-[2'-(Trifluoromethyl)-phenyl]- β -cetobutyramide	$C_{11}H_{14}O_3$ <i>tert</i> -Butyl perbenzoate Butyl 4-hydroxybenzoate	$C_{11}H_{22}O$ 2-Undecanone 4-Undecanone 5-Undecanone 6-Undecanone 10-Undecene-(1)-ol
$C_{11}H_{10}N_2OS$ 4(6)-Benzyl-2-thiouracil	$C_{11}H_{14}O_4$ Ethyl guaiacol glycolate 2,3,4-Trimethoxyacetophenone 2,4,5-Trimethoxyacetophenone 3,4,5-Trimethoxyacetophenone	$C_{11}H_{22}O_2$ Ethyl pelargonate Methyl caprate Undecanoic acid
$C_{11}H_{10}N_2S$ Naphthyl-(1)-thiourea	$C_{11}H_{14}O_5$ 3,4,5-Trimethoxyphenylacetic acid	$C_{11}H_{23}Br$ 1-Bromoundecane
$C_{11}H_{10}O$ 1-Methoxynaphthalene 2-Methoxynaphthalene	$C_{11}H_{15}FO_2$ 1-Adamantyl fluoroformate	$C_{11}H_{24}$ Undecane <i>n</i> -Undecane
$C_{11}H_{11}ClNO$ Propachloro	$C_{11}H_{15}N$ 1-Adamantanecarbonitrile	$C_{11}H_{24}O$ 1-Undecanol 3-Undecanol 6-Undecanol
$C_{11}H_{11}Cl_3O_3$ 2,4,5-Trichlorophenyl- <i>tert</i> -butyl carbonate	$C_{11}H_{15}NO$ 4-Diethylaminobenzaldehyde	$C_{11}H_{24}O_4$ 1,1,3,3-Tetraethoxypropane
$C_{11}H_{11}FO_4$ 3-(3-Fluoro-4-methoxybenzoyl)-propionic acid	$C_{11}H_{16}$ <i>n</i> -Pentylbenzene <i>sec</i> -Pentylbenzene	$C_{12}Br_{10}O$ Decabromo diphenyl ether
$C_{11}H_{11}NO_2$ 3-(3-Indolyl)-propionic acid	$C_{11}H_{16}ClNO_2S$ Methyl S-benzyl-L-cysteinat hydrochloride	$C_{12}Cl_{10}$ 2,2',3,3',4,4',5,5',6,6'-PCB
$C_{11}H_{11}NO_3 \cdot 2H_2O$ α -Acetamidocinnamic acid dihydrate	$C_{11}H_{16}ClN_3O_2$ Formetanate hydrochloride	$C_{12}Fe_3O_{12}$ <i>tri</i> -Iron-dodecacarbonyl
$C_{11}H_{11}N_3O_2$ 4-Nitrosophenazone	$C_{11}H_{16}O$ 2- <i>tert</i> -Butyl-4-methylphenol	$C_{12}F_{25}J$ Perfluorododecyl iodide
$C_{11}H_{12}N_2$ 3,5-Dimethyl-1-phenylpyrazole	$C_{11}H_{16}O_2$ 1-Adamantanecarboxylic acid 2- <i>tert</i> -Butyl-4-methoxyphenol	$C_{12}F_{26}S_2$ Bis-(perfluorohexyl)-disulphide
$C_{11}H_{12}N_2O_2$ D(+)-Tryptophan DL-Tryptophan L(-)-Tryptophan	$C_{11}H_{18}Cl_2N_2$ N-Benzylpiperazine dihydrochloride	$C_{12}F_{27}N$ Perfluorotributylamine
$C_{11}H_{12}N_2O_3$ DL-5-Hydroxytryptophan L-5-Hydroxytryptophan	$C_{11}H_{19}ClO$ 10-Undecenoyl chloride	$C_{12}H_2ClF_{21}O$ (Perfluorodecyl)-acetyl chloride
$C_{11}H_{12}O_2$ Ethyl cinnamate 6-Methoxy-1,2,3,4-tetrahydronaphthalinone-(1)	$C_{11}H_{19}NO_3$ N-Acetylneuramic acid (NANA)	$C_{12}H_4F_{21}J$ 1H,1H,2H,2H-Perfluorododecyl iodide
$C_{11}H_{12}O_3$ Ethyl benzoylacetate	$C_{11}H_{20}O_2$ Undecylenic acid	$C_{12}H_4N_4$ 7,7,8,8-Tetracyanoquinodimethane

$C_{12}H_5F_{21}O$
1H,1H,2H,2H-Perfluorododecanol

$C_{12}H_5N_7O_{12}$
Dipicrylamine

$C_{12}H_6Br_2NNaO_2$
2,6-Dibromophenolindophenol sodium salt

$C_{12}H_6Cl_2NNaO_2 \cdot 2H_2O$
2,6-Dichlorophenolindophenol sodium salt dihydrate

$C_{12}H_6Cl_4$
3,3',4,4'-PCB

$C_{12}H_6Cl_4O_2S$
Tetradiphon

$C_{12}H_6Cl_4S$
Tetrasul

$C_{12}H_6F_2N_2O_6S$
Bis-(4-fluoro-3-nitrophenyl)-sulphone

$C_{12}H_6O_2$
Acenaphthenequinone

$C_{12}H_7Cl_3$
2,4,5-PCB

$C_{12}H_8$
Acenaphthylene

$C_{12}H_8Br_2$
4,4'-Dibromobiphenyl

$C_{12}H_8CINS$
2-Chlorophenothiazine

$C_{12}H_8Cl_2$
2,2'-PCB
2,3-PCB
2,4-PCB
2,5-PCB
3,5-PCB
4,4'-PCB

$C_{12}H_8Cl_2O_3S$
Chlorofensone
Genite

$C_{12}H_8Cl_6$
Aldrin

$C_{12}H_8Cl_6O$
Dieldrin
Endrin

$C_{12}H_8FNO_2$
4-Fluoro-4'-nitrobiphenyl

$C_{12}H_8F_2$
4,4'-Difluorobiphenyl

$C_{12}H_8F_2O_2S$
Bis-(4-fluorophenyl)-sulphone

$C_{12}H_8F_4O$
2-Tetrafluoroethoxynaphthalene

$C_{12}H_8N_2$
3,4-Benzo[c]cinnoline
Phenazine

$C_{12}H_8N_2 \cdot H_2O$
1,10-Phenanthroline

$C_{12}H_8N_2O_2$
2,2'-Pyridil

$C_{12}H_8N_2O_3$
Nicotinic anhydride

$C_{12}H_8N_2O_4$
2,2'-Dinitrobiphenyl
4,4'-Dinitrobiphenyl

$C_{12}H_8O$
Dibenzofuran

$C_{12}H_8O_4$
Naphthalene-(2,3)-dicarboxylic acid

$C_{12}H_8S$
Dibenzothiophene

$C_{12}H_8S_2$
Thianthrene

$C_{12}H_9Br$
4-Bromobiphenyl

$C_{12}H_9Cl$
2-PCB
3-PCB
4-PCB

$C_{12}H_9ClN_2 \cdot H_2O$
1,10-Phenanthroline chloride

$C_{12}H_9ClN_2O_2$
4-Chloro-2-nitrodiphenylamine

$C_{12}H_9ClO$
4-Chlorodiphenyl ether

$C_{12}H_9ClO_3S$
Fenson

$C_{12}H_9F$
2-Fluorobiphenyl
4-Fluorobiphenyl

$C_{12}H_9FO$
4-Fluorodiphenyl ether

$C_{12}H_9N$
Carbazole

$C_{12}H_9NO$
2-Benzoylpyridine
3-Benzoylpyridine
4-Benzoylpyridine

$C_{12}H_9NS$
Phenothiazine

$C_{12}H_9N_2NaO_5S$
Tropaeolin 0

$C_{12}H_9N_3O_4$
4-(4-Nitrophenylazo)-resorcinol

$C_{12}H_{10}$
Acenaphthene
Biphenyl

$C_{12}H_{10}Ca_3O_{14} \cdot 4H_2O$
Calcium citrate

$C_{12}H_{10}ClI$
Diphenyliodonium chloride

$C_{12}H_{10}ClN$
4-(4-Chlorobenzyl)pyridine

$C_{12}H_{10}ClNO$
2-Amino-4-chlorodiphenyl ether
4-Amino-4'-chlorodiphenyl ether

$C_{12}H_{10}ClN_3S$
Thionine

$C_{12}H_{10}ClO_3P$
Diphenyl chlorophosphate

$C_{12}H_{10}Cl_2Si$
Dichlorodiphenylsilane

$C_{12}H_{10}FN$
4-Amino-4'-fluorobiphenyl

$C_{12}H_{10}Hg$
Diphenylmercury

$C_{12}H_{10}NNaO_3S$
Diphenylaminesulphonic acid sodium salt

$C_{12}H_{10}N_2$
Azobenzene

$C_{12}H_{10}N_2O$
4-Hydroxyazobenzene
N-Nitrosodiphenylamine

$C_{12}H_{10}N_2O_2$
4-(4-Nitrobenzyl)-pyridine
2-Nitrodiphenylamine

$C_{12}H_{10}N_4O_4$
3,3'-Dinitrobenzidine

$C_{12}H_{10}O$
2-Acetylnaphthalene
Diphenyl ether
2-Hydroxybiphenyl
4-Hydroxybiphenyl

$C_{12}H_{10}OS$
Diphenyl sulphoxide

$C_{12}H_{10}O_2$
2,2'-Dihydroxybiphenyl
4,4'-Dihydroxybiphenyl
1-Naphthyl acetate
2-Naphthyl acetate
Naphthyl-(1)-acetic acid
Naphthyl-(2)-acetic acid

$C_{12}H_{10}O_2S$
Diphenylsulphone

$C_{12}H_{10}O_4$
Quinhydrone

$C_{12}H_{10}O_4S$
Dihydroxybiphenylsulphone

$C_{12}H_{10}S$
Diphenyl sulphide

$C_{12}H_{10}S_2$
Diphenyl disulfide

$C_{12}H_{11}ClN_2$
2-Amino-4'-chlorodiphenylamine

$C_{12}H_{11}Hg_2NO_4$
Phenylmercury nitrate

$C_{12}H_{11}N$
2-Aminobiphenyl
2-Benzylpyridine
4-Benzylpyridine
Diphenylamine

$C_{12}H_{11}NO$
1-Naphthylacetamide

$C_{12}H_{11}NOS$
Thionalide

$C_{12}H_{11}NO_2$
Carbaryl

$C_{12}H_{11}NO_2S$
2-Aminodiphenylsulphone

$C_{12}H_{11}NO_4S_2$
Dibenzenesulphimide

$C_{12}H_{11}N_3$
4-Aminoazobenzene

$C_{12}H_{12}$
1,2-Dimethylnaphthalene
1,3-Dimethylnaphthalene
1,6-Dimethylnaphthalene
2,3-Dimethylnaphthalene
2-Ethyl naphthalene

$C_{12}H_{12}ClNO_2S$
5-Dimethylaminonaphthalenesulphonyl-1-chloride

$C_{12}H_{12}FeO$
Acetylferrocene

$C_{12}H_{12}N_2$
4-Aminodiphenylamine
2-Benzylaminopyridine
1,1-Diphenylhydrazine
Hydrazobenzene

$C_{12}H_{12}N_2O$ 4,4'-Diaminodiphenyl ether	$C_{12}H_{15}NO_8$ 2-Nitrophenyl- β -D-galactopyranoside 4-Nitrophenyl- α -D-galactopyranoside 2-Nitrophenyl- β -D-glucopyranoside 4-Nitrophenyl- α -D-glucopyranoside 4-Nitrophenyl- β -D-glucopyranoside	$C_{12}H_{22}O_3$ Hexanoic anhydride
$C_{12}H_{12}N_2OS_2$ 5-(4-Dimethylaminobenzylidene)-rhodanine	$C_{12}H_{15}N_3O_3$ Triallyl cyanurate	$C_{12}H_{22}O_4$ Diethyl suberate Diethyl <i>iso</i> -pentylmalonate Diethyl <i>n</i> -pentylmalonate Dodecanedioic acid Octylsuccinic acid
$C_{12}H_{12}N_2O_2S$ 4,4'-Diaminodiphenylsulphone	$C_{12}H_{15}N_3O_4S \cdot 2H_2O$ 4,4'-Diaminodiphenylammonium sulphate dihydrate	$C_{12}H_{22}O_{11}$ D-Cellobiose β -Gentiobiose Palatinose D(+)-Saccharose
$C_{12}H_{12}N_2S_2$ 4,4'-Diaminodiphenyl disulphide	$C_{12}H_{16}$ Methylcyclopentadiene dimer	$C_{12}H_{22}O_{11} \cdot H_2O$ D(+)-Lactose D(+)-Maltose α -D(+)-Melibiose monohydrate
$C_{12}H_{12}O$ Methylnaphthylcarbinol-(1) Methylnaphthylcarbinol-(2)	$C_{12}H_{16}Cl_2N_2$ N-(1-Naphthyl)-ethylenediammonium dichloride	$C_{12}H_{22}O_{11} \cdot 2H_2O$ D(+)-Trehalose dihydrate
$C_{12}H_{12}O_3$ 1,3,5-Triacetylbenzene	$C_{12}H_{16}Cl_2N_2O$ Neburon	$C_{12}H_{23}BrO_2$ 2-Bromododecanoic acid Ethyl 2-bromodecanoate
$C_{12}H_{12}O_5$ 3,5-Diacetoxy-acetophenone	$C_{12}H_{16}N_3O_3PS_2$ Azinphos-ethyl	$C_{12}H_{23}ClO$ Lauroyl chloride
$C_{12}H_{13}ClN_2$ 4-Aminodiphenylamine chloride N,N-Diphenylhydrazinium chloride	$C_{12}H_{16}O_2$ 4-Butoxyacetophenone 4-Cyclohexylresorcinol	$C_{12}H_{23}N$ Dicyclohexylamine Lauronitrile
$C_{12}H_{13}ClN_2O$ Buturon	$C_{12}H_{16}O_3$ 1-(2,4-Dihydroxyphenyl)-hexanone-(1)	$C_{12}H_{24}$ Cyclododecane 1-Dodecene
$C_{12}H_{13}ClN_4$ Chrysoidine G	$C_{12}H_{17}N$ 4-Benzylpiperidine	$C_{12}H_{24}Br_2$ 1,12-Dibromododecane
$C_{12}H_{13}N$ N-Ethyl-1-naphthylamine	$C_{12}H_{17}NO_2$ Promecarb	$C_{12}H_{24}N_2$ 4-Dibutylaminobutyronitrile
$C_{12}H_{13}NO_2$ 4-(3-Indolyl)-butyric acid	$C_{12}H_{17}NO_3 \cdot H_2O$ L(-)-Noradrenaline-L-tartrate	$C_{12}H_{24}N_2O_2$ N,N-Dicyclohexylammonium nitrite
$C_{12}H_{13}NO_2S$ Carboxine	$C_{12}H_{17}N_3O_3$ 1,2,3-Tris-(2-cyanoethoxy)-propane	$C_{12}H_{24}O$ Butyl heptyl ketone 2-Dodecanone 3-Dodecanone Lauraldehyde
$C_{12}H_{13}NO_4S$ Oxycarboxine	$C_{12}H_{18}$ <i>cis,trans,trans</i> -1,5,9-Cyclododecatriene 1,3-Di- <i>iso</i> -propylbenzene 1,4-Di- <i>iso</i> -propylbenzene Hexamethylbenzene 1-Phenylhexane	$C_{12}H_{24}O_2$ Ethyl caprate Lauric acid Methyl undecanoate
$C_{12}H_{14}BrN$ N-Ethyl-naphthylammonium-(1)-bromide	$C_{12}H_{18}Br_6$ 1,2,5,6,9,10-Hexabromocyclododecane	$C_{12}H_{24}O_4Sn$ Dibutyltin diacetate
$C_{12}H_{14}Cl_2N_2$ Methyl viologen	$C_{12}H_{18}Cl_2N_4OS$ Thiaminium dichloride	$C_{12}H_{24}O_6$ 18-Crown-6
$C_{12}H_{14}Cl_3O_4P$ Chlorfenvinphos	$C_{12}H_{18}F_2O_7$ Triethyl 2,4-difluorocitrate	$C_{12}H_{25}Br$ 1-Bromododecane
$C_{12}H_{14}F_4O$ 2- <i>sec</i> .-Butyltetrafluoroethoxybenzene	$C_{12}H_{18}N_4O_7P_2S \cdot 4H_2O$ Thiaminium pyrophosphoric acid	$C_{12}H_{25}Cl$ 1-Chlorododecane
$C_{12}H_{14}N_2O_2S$ N-Mesitylenesulphonyl-1-imidazole	$C_{12}H_{18}O$ 1,5,9-Cyclododecatriene monoxide 2,6-Di- <i>iso</i> -propylphenol	$C_{12}H_{25}NaO_4S$ Sodium dodecyl sulphate
$C_{12}H_{14}N_2O_5$ N-Benzylloxycarbonyl-L-asparagine	$C_{12}H_{18}O_2$ 1-Adamantaneacetic acid 4-Hexylresorcinol	$C_{12}H_{26}$ Dodecane <i>n</i> -Dodecane
$C_{12}H_{14}N_2O_6$ Dinoseb acetate	$C_{12}H_{20}O_4$ Di- <i>n</i> -butyl-fumarate	$C_{12}H_{26}O$ Dihexyl ether 1-Dodecanol 2-Dodecanol
$C_{12}H_{14}O_4$ Diethyl phthalate	$(C_{12}H_{20}O_4)_n$ Ethylene glycol sebacate	$C_{12}H_{26}O_3$ Diethylene glycol dibutyl ether Diethylene glycol- <i>n</i> -butyl- <i>tert</i> .-butyl ether
$C_{12}H_{14}O_5$ <i>trans</i> -3,4,5-Trimethoxycinnamic acid	$C_{12}H_{21}N_2O_3PS$ Diazinon	$C_{12}H_{26}O_6$ Pentaethylene glycol dimethyl ether
$C_{12}H_{14}O_6$ Diethyl 2,5-dihydroxyterephthalate	$C_{12}H_{22}$ Cyclododecene	$C_{12}H_{26}S$ 1-Dodecanethiol
$C_{12}H_{15}ClN_2O_2$ L-Tryptophan methyl ester hydrochloride	$C_{12}H_{22}N_2O_5$ N $^{\alpha}$ -(<i>tert</i> .-Butoxycarbonyl)-N $^{\epsilon}$ -formyl-L-lysine	
$C_{12}H_{15}ClO_3$ MCPB-methyl ester	$C_{12}H_{22}O$ Cyclododecanone	
$C_{12}H_{15}NO$ 1-Benzylpiperidinone-(4)		
$C_{12}H_{15}NO_4$ γ -Benzyl L-glutamate		
$C_{12}H_{15}NO_5$ N-Benzylloxycarbonyl-L-threonine		

$C_{12}H_{27}ClSn$ Tributyltin chloride	$C_{13}H_{10}$ Fluorene	$C_{13}H_{12}N_4O$ Diphenylcarbazone
$C_{12}H_{27}N$ Dodecylamine Tributylamine	$C_{13}H_{10}ClN$ Acridinium chloride	$C_{13}H_{12}N_4S$ Dithizone
$C_{12}H_{27}O_3P$ Tributyl phosphite	$C_{13}H_{10}ClNO$ 2-Amino-5-chlorobenzophenone N,N-Diphenylcarbamoyle chloride	$C_{13}H_{12}O$ Benzhydrol 2-Benzylphenol 4-Benzylphenol
$C_{12}H_{27}O_4P$ Tributyl phosphate	$C_{13}H_{10}Cl_2$ 4-Chlorobenzhydryl chloride 4,4'-DDM	$C_{13}H_{12}O_2$ Hydroquinone monobenzyl ether Naphthyl-(1)-acetic acid methyl ester Naphthyl-1-acetic acid methyl ester
$C_{12}H_{27}P$ Tributyl phosphine	$C_{13}H_{10}Cl_2S$ Chlorobenside	$C_{13}H_{13}ClN_2$ N,N'-Diphenylformamidine hydrochloride
$C_{12}H_{28}AlLiO_3$ Lithium aluminium-tri- <i>tert.</i> -butoxyhydride	$C_{13}H_{10}FNO$ 4-Fluorobenzanilide	$C_{13}H_{13}N_3$ Nitrin
$C_{12}H_{28}N_2$ Dodecamethylenediamine	$C_{13}H_{10}F_2O$ Bis-(4-fluorophenyl)-methanol	$C_{13}H_{14}ClNO$ 4-Benzylloxylanilinium chloride
$C_{12}H_{28}O_4Ti$ Tetrapropyl orthotitanate Tetra- <i>iso</i> -propyl orthotitanate	$C_{13}H_{10}F_3N$ 3-(Trifluoromethyl)-diphenylamine	$C_{13}H_{14}FNO_3S$ 2-Fluoro-N-methylpyridinium tosylat
$C_{12}H_{30}Cl_2N_2 \cdot 2H_2O$ Hexamethonium chloride dihydrate	$C_{13}H_{10}N_2O_3$ 2-(4'-Hydroxybenzeneazo)benzoic acid	$C_{13}H_{14}N_2$ 4,4'-Diaminodiphenylmethane
$C_{12}H_{30}J_2N_2$ Hexamethonium iodide	$C_{13}H_{10}O$ Benzophenone	$C_{13}H_{14}N_2O_3$ N-Acetyl-DL-tryptophan
$C_{12}H_{36}B_2F_8N_6OP_2$ Bates' reagent	$C_{13}H_{10}O_2$ 2-Biphenylcarboxylic acid 4-Biphenylcarboxylic acid 4-Hydroxybenzophenone Phenyl benzoate Xanthidrol Xanthidrol solution	$C_{13}H_{14}N_4O$ Diphenylcarbazide
$C_{12}O_{12}Rh_4$ <i>tetra</i> -Rhodium dodecacarbonyl	$C_{13}H_{10}O_3$ 2,4-Dihydroxybenzophenone Diphenyl carbonate 2-Phenoxybenzoic acid	$C_{13}H_{15}NO_6$ N-Benzylloxycarbonyl-L-glutamic acid
$C_{12}O_{12}Ru_3$ <i>tri</i> -Ruthenium dodecacarbonyl	$C_{13}H_{11}Br$ Bromodiphenylmethane	$C_{13}H_{16}F_3N_3O_4$ Trifluralin
$C_{13}H_6Cl_6O_2$ Hexachlorophene 2,2'-Methylenebis(3,4,6-trichlorophenol)	$C_{13}H_{11}BrO$ 4-Bromobenzhydrol	$C_{13}H_{16}N_2O_5$ N-Benzylloxycarbonyl-L-glutamine
$C_{13}H_7Br_2N_3O_6$ Bromofenoxime	$C_{13}H_{11}Cl$ Chlorodiphenylmethane	$C_{13}H_{16}N_2O_6$ Medinoterb acetate
$C_{13}H_8Cl_2O$ 4,4'-DBP	$C_{13}H_{11}ClN_2 \cdot H_2O$ 9(5)-Aminoacridine chloride monohydrate	$C_{13}H_{16}O_4$ Diethyl phenylmalonate
$C_{13}H_8F_2O$ 2,4'-Difluorobenzophenone 4,4'-Difluorobenzophenone	$C_{13}H_{11}ClN_2O_2$ 2-Amino-4'-chlorodiphenylamine-2'-carboxylic acid	$C_{13}H_{17}NO_4$ N-Benzylloxycarbonyl-L-valine
$C_{13}H_8N_2O_4$ 2,5-Dinitrofluorene	$C_{13}H_{11}N$ Fluorenamine-(2)	$C_{13}H_{17}NO_4 \cdot H_2O$ N-Acetyl-L-tyrosine ethyl ester monohydrate
$C_{13}H_8N_3NaO_5$ Alizarin yellow GG Alizarin yellow R	$C_{13}H_{11}NO$ 2-Aminobenzophenone 4-Aminobenzophenone Benzanilide	$C_{13}H_{17}N_3O$ 4-Dimethylamino-2,3-dimethyl-1-phenylpyrazolone-(5)
$C_{13}H_9O$ Fluorenone-(9)	$C_{13}H_{11}NO_2$ N-Benzoyl-N-phenylhydroxylamine Benzyl nicotinate Diphenylamine-2-carboxylic acid	$C_{13}H_{17}N_5O_4$ 2',3'-O- <i>iso</i> -Propyleneadenosine
$C_{13}H_9O_2$ Xanthone	$C_{13}H_{12}$ Diphenylmethane	$C_{13}H_{18}N_2O_2$ Lenacile
$C_{13}H_9Br$ 2-Bromofluorene 9-Bromofluorene	$C_{13}H_{12}ClN_3 \cdot xH_2O$ Proflavine monohydrochloride	$C_{13}H_{18}N_4O_3$ N $^{\alpha}$ -Benzoyl-L-arginine
$C_{13}H_9ClFO$ 2-Chloro-4'-fluorobenzophenone	$C_{13}H_{12}ClN_3O$ Variamine blue salt B	$C_{13}H_{18}O$ 4-Hexylbenzaldehyde
$C_{13}H_9ClO$ 4-Chlorobenzophenone	$C_{13}H_{12}N_2$ Benzophenone hydrazone 2,7-Diaminofluorene N,N'-Diphenylformamidine	$C_{13}H_{18}O_7$ D-Salicin
$C_{13}H_9FO$ 2-Fluorobenzophenone 4-Fluorobenzophenone	$C_{13}H_{12}N_2S$ Diphenylthiourea	$C_{13}H_{20}$ 1-Phenylheptane
$C_{13}H_9N$ Acridine 4-Biphenylcarboxylic acid nitrile β -Naphthoquinoline		$C_{13}H_{20}ClN_5O_2 \cdot H_2O$ N $^{\alpha}$ -Benzoyl-L-argininamide hydrochloride monohydrate
$C_{13}H_9NO$ Acridanone		$C_{13}H_{20}O$ α -Ionone β -Ionone
$C_{13}H_9NO_2$ 2-Nitrofluorene		$C_{13}H_{20}O_4$ Diethyl diallylmalonate

$C_{13}H_{21}ClN_2O_2$ Procaine A Procaine P	$C_{14}H_9NO_2$ 1-Aminoanthraquinone 2-Aminoanthraquinone	$C_{14}H_{12}O_3$ Benzilic acid 2-Hydroxy-4-methoxybenzophenone UV Absorber HMB "Riedel"
$C_{13}H_{22}ClN$ Benzyltriethylammonium chloride	$C_{14}H_{10}$ Anthracene Diphenylacetylene Phenanthrene	$C_{14}H_{12}O_5$ Khellin
$C_{13}H_{22}N_2$ Dicyclohexylcarbodiimide	$C_{14}H_{10}Cl_2O_2$ 4,4'-DDA	$C_{14}H_{12}O_6S$ 2-Hydroxy-4-methoxybenzophenone-5-sulphonic acid
$C_{13}H_{24}N_2S$ N,N'-Dicyclohexylthiourea	$C_{14}H_{10}Cl_4$ 2,4'-DDD 4,4'-DDD (TDE)	$C_{14}H_{13}ClN_2$ Neocuproin hydrochloride
$C_{13}H_{25}BrO_2$ Ethyl 2-bromoundecanoate	$C_{14}H_{10}F_3NO_2$ N-(3-Trifluoromethylphenyl)--anthranilic acid	$C_{14}H_{13}N$ 9-Ethylcarbazole
$C_{13}H_{26}N_2$ 4,4'-Diaminodicyclohexylmethane	$C_{14}H_{10}N_2O_2$ 1,4-Diaminoanthraquinone	$C_{14}H_{13}NO_2$ α -Benzoinoxime
$C_{13}H_{26}O$ Dihexyl ketone Tridecanone-(2)	$C_{14}H_{10}N_2O_4$ 4,4'-Dinitrostilbene	$C_{14}H_{14}N_2O_4S$ 5-Methylphenazinium methyl sulphate
$C_{13}H_{26}O_2$ Methyl laurate Tridecanoic acid <i>iso</i> -Tridecanoic acid	$C_{14}H_{10}O$ Anthrone	$C_{14}H_{14}N_2O_6S_2$ 4,4'-Diamino-2,2'-stilbenedisulphonic acid
$C_{13}H_{27}Br$ 1-Bromotridecane	$C_{14}H_{10}O_2$ Benzil	$C_{14}H_{14}N_3NaO_3S$ Methyl orange
$C_{13}H_{28}$ <i>n</i> -Tridecane	$C_{14}H_{10}O_3$ Benzoic anhydride 2-Benzoylbenzoic acid Fluorenol 9-Xanthencarboxylic acid	$C_{14}H_{14}N_4O_4S$ Fast garnet salt GBC
$C_{13}H_{28}O$ Tridecanol-(1) <i>iso</i> -Tridecanol	$C_{14}H_{10}O_4$ Benzoyl peroxide 2,2'-Biphenyldicarboxylic acid	$C_{14}H_{14}O$ Dibenzyl ether 1,1-Diphenylethanol
$C_{14}H_4F_{25}J$ 1H,1H,2H,2H-Perfluorotetradecyl iodide	$C_{14}H_{10}O_4S_2$ 2,2'-Dithiodibenzoic acid	$C_{14}H_{14}OS$ Dibenzyl sulfoxide
$C_{14}H_6Cl_4O_4$ 2,4-Dichlorobenzoyl peroxide	$C_{14}H_{11}BrO$ 4-Phenylphenacyl bromide	$C_{14}H_{14}O_6S_2$ 4-Toluenesulphonic anhydride
$C_{14}H_6O_4$ Ellagic acid	$C_{14}H_{11}N$ Diphenylacetoneitrile 2-Phenylindole	$C_{14}H_{14}S$ Dibenzyl sulphide
$C_{14}H_7ClO_2$ 1-Chloroanthraquinone	$C_{14}H_{11}NO$ TOBO	$C_{14}H_{14}S_2$ Dibenzyl disulphide
$C_{14}H_7NaO_5S \cdot H_2O$ Anthraquinone-2-sulphonic acid sodium salt	$C_{14}H_{11}NO_3$ 2-Aminobenzophenone-2'-carboxylic acid	$C_{14}H_{15}N$ Dibenzylamine 1,2-Diphenylethylamine
$C_{14}H_7NaO_7S \cdot H_2O$ Alizarin S	$C_{14}H_{12}$ 9,10-Dihydroanthracene 1,1-Diphenylethylene <i>cis</i> -Stilbene <i>trans</i> -Stilbene	$C_{14}H_{15}N_3$ 4-Dimethylaminoazobenzene
$C_{14}H_8Cl_4$ 2,4'-DDE 4,4'-DDE	$C_{14}H_{12}Cl_2O$ 4,4'-DDOH	$C_{14}H_{16}N_2$ N,N'-Diphenylethylenediamine o-Tolidine
$C_{14}H_8O_2$ Anthraquinone Phenanthrenequinone-(9,10)	$C_{14}H_{12}Cl_4N_4O_2Zn$ Fast blue salt B	$C_{14}H_{16}N_2OS_2$ 5-(4-Diethylaminobenzylidene)-rhodanine
$C_{14}H_8O_4$ Alizarin 1,4-Dihydroxyanthraquinone 1,8-Dihydroxyanthraquinone 2,6-Dihydroxyanthraquinone	$C_{14}H_{12}N_2$ Benzalazine Neocuproin	$C_{14}H_{16}N_2O_2$ o-Dianisidine
$C_{14}H_8O_6$ 1,2,5,8-Tetrahydroxyanthraquinone	$C_{14}H_{12}N_2O_2$ Glyoxal-bis-(2-hydroxyanil)	$C_{14}H_{16}O_4$ Diethyl benzylidenemalonate
$C_{14}H_8O_8$ Naphthalene-1,4,5,8-tetracarboxylic acid	$C_{14}H_{12}N_4O$ Bis-(4-aminophenyl)-1,3,4-oxadiazole (BAO)	$C_{14}H_{17}N$ α -Cyclohexylphenylacetoneitril
$C_{14}H_9Br$ 9-Bromoanthracene 9-Bromophenanthrene	$C_{14}H_{12}O$ Deoxybenzoin Diphenylacetaldehyde 4-Hydroxystilbene 4-Phenylacetophenone	$C_{14}H_{17}N_5O_3$ N α -Benzoyloxycarbonyl-L-histidine hydrazide
$C_{14}H_9ClN_2$ 4-Chloro-2-phenylquinazoline	$C_{14}H_{12}O_2$ Benzoin Benzyl benzoate Diphenylacetic acid	$C_{14}H_{18}Cl_2N_2$ o-Tolidine hydrochloride
$C_{14}H_9Cl_2$ 4,4'-DDMU		$C_{14}H_{18}N_2O$ <i>iso</i> -Propylphenazone
$C_{14}H_9Cl_3$ 2,4'-DDT 4,4'-DDT		$C_{14}H_{18}N_2O_7$ Dinobuton
$C_{14}H_9Cl_5O$ Keltan (Dicofol)		$C_{14}H_{18}N_3Na_5O_{10}$ Diethylenetriaminepentaacetic acid pentasodium salt
		$C_{14}H_{18}O_2$ α -Cyclohexylphenylacetic acid

$C_{14}H_{18}O_4$ Diethyl benzylmalonate	$C_{14}H_{28}O_2$ Methyl tridecanoate Myristic acid	$C_{15}H_{13}J_2NO_4$ 3,5-Diiodo-L-thyronine 3,5-Diiodo-DL-thyronine
$C_{14}H_{19}BrO_9$ α -Acetobromoglucose	$C_{14}H_{28}O_3$ 2-Hydroxytetradecanoic acid	$C_{15}H_{13}NO$ 2-Acetamidofluorene
$C_{14}H_{19}NO_4$ N-(<i>tert</i> -Butoxycarbonyl)-L-phenylalanine	$C_{14}H_{28}O_6$ Octyl- β -D-glucopyranose	$C_{15}H_{13}NO_2$ N-Cinnamoyl-N-phenylhydroxylamine
$C_{14}H_{20}ClNO_2$ Alachlor	$C_{14}H_{29}Br$ 1-Bromotetradecane	$C_{15}H_{14}N_3NaO_2$ Methyl red sodium salt
$(C_{14}H_{20}KNO_{10})_n$ Hyaluronic acid potassium salt	$C_{14}H_{29}F$ 1-Fluorotetradecane	$C_{15}H_{14}O$ 2,5-Dimethylbenzophenone 1,3-Diphenylacetone
$C_{14}H_{20}N_2O_4$ N $^{\alpha}$ -Benzyloxycarbonyl-L-lysine N $^{\epsilon}$ -Benzyloxycarbonyl-L-lysine	$C_{14}H_{30}$ <i>n</i> -Tetradecane Tetradecane	$C_{15}H_{14}O_3$ Benzyl-DL(\pm)-mandelate
$C_{14}H_{20}N_2O_6S$ ECOL [®]	$C_{14}H_{30}O$ Diheptyl ether Tetradecyl alcohol	$C_{15}H_{15}ClN_2O_2$ Chloroxuron
$C_{14}H_{20}N_4O_4$ N $^{\alpha}$ -Benzyloxycarbonyl-L-arginine	$C_{14}H_{30}O_2Sn$ Tributyltin acetate	$C_{15}H_{15}N_3O_2$ Methyl red
$(C_{14}H_{21}NO_{10})_n$ Hyaluronic acid	$C_{14}H_{30}O_7$ Hexaethylene glycol dimethyl ether	$C_{15}H_{16}N_2S$ 1,3-Dibenzylthiourea
$C_{14}H_{21}N_5O_6S \cdot H_2O$ Serotonin-creatinine sulphate monohydrate	$C_{14}H_{30}S$ 1-Tetradecanethiol	$C_{15}H_{16}O$ 2-(4)-Biphenyl-2-propanol
$C_{14}H_{22}$ 1-Phenyloctane	$C_{14}H_{36}N_2O_4S$ 2-Aminoheptane sulphate	$C_{15}H_{16}O_9 \cdot 1.5H_2O$ Esculin
$C_{14}H_{22}ClNO_3$ O- <i>tert</i> -Butyl-L-tyrosine methylester hydrochloride	$C_{15}H_{10}$ 4,5-Methylenephenanthrene	$C_{15}H_{17}ClN_4$ Neutral red
$C_{14}H_{22}N_2O_8 \cdot H_2O$ IDRANAL [®] IV	$C_{15}H_{10}J_4NNaO_4 \cdot 5H_2O$ L-Thyroxine sodium salt	$C_{15}H_{18}$ Guaiazulene
$C_{14}H_{22}N_4O_2$ Oxalic acid-bis-(cyclohexylidene hydrazide)	$C_{15}H_{10}O$ 9-Anthracenecarbaldehyde	$C_{15}H_{18}N_2O_6$ Binapacryl
$C_{14}H_{22}O$ 2,4-Di- <i>sec</i> -butylphenol 2,4-Di- <i>tert</i> -butylphenol 2,6-Di- <i>tert</i> -butylphenol	$C_{15}H_{10}O_2$ 2-Phenylindanedione-(1,3)	$C_{15}H_{21}AlO_6$ Aluminium acetylacetonate
$C_{14}H_{22}O_2$ 2,5-Di- <i>tert</i> -butylhydroquinone	$C_{15}H_{10}O_3$ 1,2-Diphenylvinylencarbonate	$C_{15}H_{21}CoO_6$ Cobalt(III) acetylacetonate
$C_{14}H_{23}ClN_4O_4S$ N $^{\alpha}$ -Tosyl-L-arginine methyl ester hydrochloride	$C_{15}H_{10}O_7 \cdot 2H_2O$ Morin Quercetin dihydrate	$C_{15}H_{21}CrO_6$ Chromium(III) acetylacetonate
$C_{14}H_{23}N_3O_{10}$ Diethylenetriaminepentaacetic acid IDRANAL [®] V	$C_{15}H_{11}HgNO$ Phenylmercury-8-hydroxyquinoline	$C_{15}H_{21}FeO_6$ Iron(III) acetylacetonate
$C_{14}H_{24}N_2O_8$ 1,6-Diaminohexane-N,N,N',N'-tetraacetic acid	$C_{15}H_{11}NO$ PPO	$C_{15}H_{21}InO_6$ Indium(III) acetylacetonate
$C_{14}H_{24}N_2O_{10}$ IDRANAL [®] VI	$C_{15}H_{11}NO_2$ 1-Methylaminoanthraquinone	$C_{15}H_{21}MnO_6$ Manganese(III) acetylacetonate
$C_{14}H_{26}O_4$ Decylsuccinic acid Dibutyl adipate Diethyl sebacate Tetradecanedioic acid	$C_{15}H_{11}N_3$ $\alpha, \alpha', \alpha''$ -Tripyridyl	$C_{15}H_{22}O_3$ 3,5-Di- <i>tert</i> -butyl-4-hydroxybenzoic acid
$C_{14}H_{26}O_6$ Bis(-2-ethoxyethyl) adipate	$C_{15}H_{11}N_3O$ 1-(2-Pyridylazo)naphthol-(2) (PAN)	$C_{15}H_{23}ClN_4O_3$ N $^{\alpha}$ -Benzoyl-L-arginine ethyl ester hydrochloride
$C_{14}H_{27}BrO_2$ 2-Bromotetradecanoic acid Ethyl 2-bromododecanoate	$C_{15}H_{12}$ 9-Methylanthracene	$C_{15}H_{23}ClO_2S$ 2,4,6-Triisopropylbenzenesulphonyl chloride
$C_{14}H_{27}ClO$ Myristoyl chloride	$C_{15}H_{12}Br_4O_2$ Tetrabromobisphenol A	$C_{15}H_{24}$ 1-Phenylnonane 1,3,5-Triisopropylbenzene
$C_{14}H_{27}N$ Myristonitrile	$C_{15}H_{12}N_2O_2$ 5,5-Diphenylhydantoin	$C_{15}H_{24}O$ 2,6-Di- <i>tert</i> -butyl-4-methylphenol
$C_{14}H_{28}$ 1-Tetradecene 7-Tetradecene	$C_{15}H_{12}N_2O_3$ Furfuramide	$C_{15}H_{25}ClN_2O_2$ Tetracaine hydrochloride
	$C_{15}H_{12}O$ 2-Acetylfluorene Benzylideneacetophenone Dibenzosuberone	$C_{15}H_{26}O$ Farnesol
	$C_{15}H_{12}O_2$ Dibenzoylmethane	$C_{15}H_{26}O_6$ Tributyryn
	$C_{15}H_{12}O_3$ Fluorenol-methyl ester	$C_{15}H_{27}N_3O$ 2,4,6-Tris-(dimethylaminomethyl)-phenol

$C_{15}H_{28}O$ Cyclopentadecanone	$C_{16}H_{13}N$ N-Phenylnaphthyl-(1)-amine	$C_{16}H_{33}J$ 1-Iodohexadecane
$C_{15}H_{28}O_2$ Menthyl <i>iso</i> -valerianate Menthyl <i>n</i> -valerianate	$C_{16}H_{13}NO_3$ 8-Hydroxyquinoline benzoate	$C_{16}H_{34}$ <i>n</i> -Hexadecane Hexadecane
$C_{15}H_{28}O_4$ Diethyl di- <i>n</i> -butylmalonate	$C_{16}H_{14}$ 1,4-Diphenylbutadiene-(1,3)	$C_{16}H_{34}Cl_2Sn$ Diocetyl tin dichloride
$C_{15}H_{29}N$ Pentadecanoic acid nitrile	$C_{16}H_{14}N_2O$ PEBAB	$C_{16}H_{34}O$ Cetyl alcohol Diocetyl ether
$C_{15}H_{30}O$ Diheptyl ketone	$C_{16}H_{14}O_4$ Dimethyl biphenyl-4,4'-dicarboxylate	$C_{16}H_{34}OSn$ Diocetyl tin oxide
$C_{15}H_{30}O_2$ Methyl myristate Pentadecanoic acid	$C_{16}H_{15}Cl_3O_2$ Methoxychloro	$C_{16}H_{35}N$ Bis-(2-ethylhexyl)-amine Diocetylamine Hexadecylamine
$C_{15}H_{31}Br$ 1-Bromopentadecane	$C_{16}H_{16}N_2O_4$ Phenmedipham	$C_{16}H_{36}BrN$ Dimethyldodecylethylammonium bromide
$C_{15}H_{32}$ <i>n</i> -Pentadecane	$C_{16}H_{16}O_4$ 2,4,5-Trimethoxybenzophenone	$C_{16}H_{36}ClN$ Tetrabutylammonium chloride
$C_{15}H_{32}O$ 1-Pentadecanol 2-Pentadecanol	$C_{16}H_{17}BrO_6$ 6-Bromo-2-naphthyl- β -D-galactopyranoside 6-Bromo-2-naphthyl- β -D-glucopyranoside	$C_{16}H_{36}JN$ Tetrabutylammonium iodide
$C_{15}H_{33}N$ Triamylamine	$C_{16}H_{17}ClN_4O_2S$ Methylene green	$C_{16}H_{36}Sn$ Tetrabutyltin
$C_{15}H_{33}N_3O_2$ Dodin	$C_{16}H_{17}NO_3$ O-Benzyl-L-tyrosine	$C_{16}O_{16}Rh_6$ <i>hexa</i> -Rhodium hexadecacarbonyl
$C_{16}H_7K_3N_2O_{11}S_3$ Indigo trisulphonate potassium salt	$C_{16}H_{18}ClNO_2$ Benzyl L-phenylalaninate hydrochloride	$C_{17}H_{12}Cl_{10}O_4$ Kelevan
$C_{16}H_8N_2Na_2O_8S_2$ Indigo carmine	$C_{16}H_{18}Cl_3O_4$ Di- <i>n</i> -butyl tetrachlorophthalate	$C_{17}H_{13}NO_2$ Naphtol AS®
$C_{16}H_9N_3Na_2O_9S_2$ Epsilon blue	$C_{16}H_{18}O_9 \cdot 0.5H_2O$ Chlorogenic acidhemihydrate	$C_{17}H_{13}N_3O_9S_2$ Fast red salt B
$C_{16}H_9N_4Na_3O_9S_2$ Tartrazine	$C_{16}H_{19}Cl_2N$ N,N-Dibenzyl-2-chloroethylamine hydrochloride	$C_{17}H_{14}N_2O_5S$ Calmagite
$C_{16}H_{10}$ Fluoranthene Pyrene	$C_{16}H_{19}N_3O_3S$ Ethyl orange	$C_{17}H_{17}NO_4$ N-Benzylloxycarbonyl-L-phenylalanine
$C_{16}H_{10}AsN_2Na_3O_{11}S_2 \cdot 3H_2O$ Arsenazo I	$C_{16}H_{20}N_2O_4$ N $^{\alpha}$ -(<i>tert</i> .-Butoxycarbonyl)-L-tryptophane	$C_{17}H_{17}NO_5$ N-Benzylloxycarbonyl-L-tyrosine Piperine
$C_{16}H_{10}FNO_2$ 2-Phenyl-4-(2-fluorobenzal)-5-oxazolone 2-Phenyl-4-(3-fluorobenzal)-5-oxazolone 2-Phenyl-4-(4-fluorobenzal)-5-oxazolone	$C_{16}H_{22}O_4$ Dibutyl phthalate	$C_{17}H_{19}N_3O_2$ Ethyl red
$C_{16}H_{10}N_2Na_2O_8S_2$ Chromotrope 2 R	$C_{16}H_{26}$ 1-Phenyldecane	$C_{17}H_{20}N_4NaO_5P \cdot 2H_2O$ Flavin mononucleotide sodium salt
$C_{16}H_{10}N_2O_2$ Indigo	$C_{16}H_{26}O_3$ Dodecenylsuccinic anhydride	$C_{17}H_{20}N_4O_6$ Riboflavine
$C_{16}H_{11}AsN_2Na_2O_{10}S_2$ Thorin	$C_{16}H_{30}O_4$ Dodecylsuccinic acid	$C_{17}H_{22}ClN_3 \cdot H_2O$ Auramine O
$C_{16}H_{11}N$ 3-Aminopyrene	$C_{16}H_{31}BrO_2$ 2-Bromohexadecanoic acid Ethyl 2-bromotetradecanoate	$C_{17}H_{24}N_2O_5$ N-Benzylloxycarbonyl-L-glutamine- <i>tert</i> .-butyl ester
$C_{16}H_{11}NO_2$ 2-Phenylquinoline-4-carboxylic acid	$C_{16}H_{32}$ Decylcyclohexane Hexadecene-(1)	$C_{17}H_{33}N$ Heptadecanoic acid nitrile
$C_{16}H_{11}N_2NaO_4S$ Tropaeolin 000 No. 1 Tropaeolin 000 No. 2	$C_{16}H_{32}O$ Hexadecanone-(3)	$C_{17}H_{34}$ Heptadecene-(1)
$C_{16}H_{11}N_3O_3$ 4-(4-Nitrobenzeneazo)-(1)-naphthol	$C_{16}H_{32}O_2$ Palmitic acid	$C_{17}H_{34}O$ Diocetyl ketone
$C_{16}H_{12}$ 9-Vinylanthracene	$C_{16}H_{32}O_3$ 2-Hydroxyhexadecanoic acid	$C_{17}H_{34}O_2$ Heptadecanoic acid Methyl palmitate <i>iso</i> -Propyl myristate
$C_{16}H_{12}O$ 3-Acetylphenanthrene	$C_{16}H_{33}Br$ 1-Bromohexadecane	$C_{17}H_{36}$ <i>n</i> -Heptadecane Heptadecane
$C_{16}H_{12}O_2$ 2-Ethylanthraquinone	$C_{16}H_{33}F$ 1-Fluorohexadecane	

$C_{17}H_{38}BrN$
N-Tetradecyl-N,N,N-trimethylammonium
bromide

$C_{18}Cl_6La_2O_{12}$
Chloranilic acid lanthanum salt

$C_{18}H_{10}O_3$
Bindone

$C_{18}H_{10}O_6 \cdot 2H_2O$
Hydrindantin dihydrate

$C_{18}H_{12}CuN_2O_2$
Copper-8-hydroxyquinoline

$C_{18}H_{12}N_2$
Cuproin

$C_{18}H_{12}N_2O$
ANPD

$C_{18}H_{12}N_6$
2,4,6-Tris-(2'-pyridyl)-s-triazine (TPTZ)

$C_{18}H_{13}N_3Na_2O_6S_2$
Azophloxine

$C_{18}H_{14}$
p-Terphenyl

$C_{18}H_{14}Br_6N_2O_2$
Adipic acid bis-(2,4,6-tribromoanilide)

$C_{18}H_{14}N_3NaO_3S$
Metanil yellow
Tropaeolin 00

$C_{18}H_{14}N_6O_2$
Cation

$C_{18}H_{14}O_8 \cdot H_2O$
Dibenzoyl-D(+)-tartaric acid monohydrate
Dibenzoyl-L(-)-tartaric acid monohydrate

$C_{18}H_{15}As$
Triphenylarsine

$C_{18}H_{15}AsO$
Triphenylarsine oxide

$C_{18}H_{15}Bi$
Triphenylbismuth

$C_{18}H_{15}ClN_4$
Phenosafranin

$C_{18}H_{15}ClSn$
Fentine chloride
Triphenyltin chloride

$C_{18}H_{15}Cl_2Sb$
Triphenylantimony dichloride

$C_{18}H_{15}N$
Triphenylamine

$C_{18}H_{15}OP$
Triphenylphosphine oxide

$C_{18}H_{15}O_3P$
Triphenyl phosphite

$C_{18}H_{15}O_4P$
Triphenyl phosphate

$C_{18}H_{15}P$
Triphenylphosphine

$C_{18}H_{15}Sb$
Triphenylantimony

$C_{18}H_{16}N_2$
N,N'-Diphenyl-p-phenylenediamine

$C_{18}H_{16}N_2O_6S \cdot H_2O$
8-Hydroxyquinoline sulphate

$C_{18}H_{16}OSn$
Fentine hydroxide

$C_{18}H_{16}Si$
Triphenylsilane

$C_{18}H_{17}N_3O_7$
N-Benzoyloxycarbonyl-L-asparagine-4-
nitrophenylester

$C_{18}H_{18}O_4$
Dibenzyl succinate

$C_{18}H_{19}NO_4$
Ethyl N-benzoyl-L-tyrosinate

$C_{18}H_{19}NO_4S$
N-Benzoyloxycarbonyl-S-benzyl-L-cysteine

$C_{18}H_{20}Cl_2$
Perthane

$C_{18}H_{20}O_2$
Diphenylcyclohexane

$C_{18}H_{21}NO$
MBBA

$C_{18}H_{30}$
1-Phenyldodecane

$C_{18}H_{30}O_2$
Linolenic acid

$C_{18}H_{32}CaN_2O_{10}$
Calcium-D(+)-pantothenate

$C_{18}H_{32}O_2$
Linoleic acid

$C_{18}H_{32}O_{16} \cdot 5H_2O$
D(+)-Raffinose pentahydrate

$C_{18}H_{33}ClO$
Oleoyl chloride

$C_{18}H_{34}O_2$
Elaidic acid
Oleic acid

$C_{18}H_{35}ClO$
Stearoyl chloride

$C_{18}H_{36}$
Octadecene-(1)

$C_{18}H_{36}O_2$
Isooctadecanoic acid
Stearic acid

$C_{18}H_{36}O_3$
12-Hydroxystearic acid

$C_{18}H_{37}Br$
1-Bromooctadecane

$C_{18}H_{37}Cl$
1-Chlorooctadecane

$C_{18}H_{37}J$
1-Iodoctadecane

$C_{18}H_{37}N$
Oleylamine

$C_{18}H_{37}NO$
Stearamide

$C_{18}H_{37}SiCl_3$
Trichlorooctadecylsilane

$C_{18}H_{38}$
n-Octadecane

$C_{18}H_{38}O$
iso-Octadecanol
Stearyl alcohol

$C_{18}H_{38}S$
Octadecanethiol-(1)

$C_{18}H_{39}N$
Octadecylamine

$C_{19}H_6Br_8O_5S$
Tetrabromophenol blue

$C_{19}H_{10}Br_7Cl_2O_5S$
Bromochlorophenol blue

$C_{19}H_{10}Br_2O_8S$
Bromopyrogallol red

$C_{19}H_{10}Br_4O_5S$
Bromophenol blue

$C_{19}H_{12}Br_2O_5S$
Bromophenol red

$C_{19}H_{12}Cl_2O_5S$
Chlorophenol red

$C_{19}H_{12}O_2$
 α -Naphthoflavon

$C_{19}H_{12}O_5$
Phenylfluoron

$C_{19}H_{12}O_6$
3,3'-Methylenebis(4-hydroxycoumarin)

$C_{19}H_{12}O_8S$
Pyrogallol red

$C_{19}H_{13}ClJN_5O_2$
INT

$C_{19}H_{14}O_5S$
Phenol red

$C_{19}H_{14}O_7S$
Pyrocatechol violet

$C_{19}H_{15}BNNa$
Caesignost®

$C_{19}H_{15}Cl$
Chlorotriphenylmethane

$C_{19}H_{15}ClN_4$
2,3,5-Triphenyltetrazolium chloride

$C_{19}H_{15}NO_3$
Naphtol-AS®-acetate

$C_{19}H_{15}NO_8 \cdot 2H_2O$
3-Aminomethylalizarin-N,N-diacetic acid
dihydrate

$C_{19}H_{16}F_8O_2$
2,2-Bis(4-tetrafluoroethoxyphenyl) propane

$C_{19}H_{16}O$
Triphenylmethanol

$C_{19}H_{17}Cl_2P$
Chloromethyltriphenylphosphonium
chloride

$C_{19}H_{17}N$
2,4-Dibenzylpyridine

$C_{19}H_{18}BrP$
Methyltriphenylphosphonium bromide

$C_{19}H_{18}Cl_3NO_4$
N-Benzoyloxycarbonyl-L-valine-2,4,5-
trichlorophenyl ester

$C_{19}H_{18}N_2O_4$
N α -Benzoyloxycarbonyl-L-tryptophan

$C_{19}H_{19}N_3O_7$
N-Benzoyloxycarbonyl-L-glutamine-4-
nitrophenyl ester

$C_{19}H_{19}N_7O_6$
Folic acid

$C_{19}H_{22}N_2O$
Cinchonidine
Cinchonine

$C_{19}H_{22}O_6$
Gibberellic acid

$C_{15}H_{23}ClN_2O \cdot 2H_2O$
Cinchonine hydrochloride dihydrate

$C_{19}H_{23}NO$
EBBA

$C_{19}H_{24}O_3$
Adrenosterone

$C_{19}H_{30}O_5$
Dodecyl gallate
Piperonyl butoxide

$C_{19}H_{32}$
Tridecylbenzene

$C_{19}H_{34}O_2$
Methyl linoleate

$C_{19}H_{37}N$
Octadecyl cyanide

$C_{19}H_{38}O$
Dinonyl ketone

$C_{19}H_{38}O_2$
Methyl stearate
Nonadecanoic acid

$C_{19}H_{40}$
Nonadecane

$C_{19}H_{40}O$
1-Nonadecanol
2-Nonadecanol

$C_{19}H_{42}BrN$
N-Hexadecyl-N,N,N-trimethylammonium
bromide

$C_{20}H_2Cl_4J_4Na_2O_5$
Rose bengal

$C_{20}H_4Br_4Cl_2Na_2O_5$
Phloxine

$C_{20}H_6Br_2N_2Na_2O_9$
Eosin bluish

$C_{20}H_6Br_4Na_2O_5$
Eosin yellowish

$C_{20}H_6J_4Na_2O_5$
Erythrosin

$C_{20}H_8Br_4Na_2O_{10}S_2$
Bromosulphaleine

$C_{20}H_8J_2Na_2O_5$
Diiodofluorescein

$C_{20}H_{10}Cl_2O_5$
2,7-Dichlorofluorescein

$C_{20}H_{10}Na_2O_5$
Fluorescein sodium

$C_{20}H_{12}$
Benzo[α]pyrene
Perylene

$C_{20}H_{12}N_3NaO_7S$
Eriochrome black T

$C_{20}H_{12}O_5$
Fluorescein

$C_{20}H_{13}N_2NaO_5S$
Calcon[®]
Eriochrome blue-black B

$C_{20}H_{14}N_2O$
PBD

$C_{20}H_{14}O_4$
Phenolphthalein

$C_{20}H_{15}N_4NaO_6S \cdot H_2O$
Zincon

$C_{20}H_{16}N_2$
Naphthidine

$C_{20}H_{16}N_4$
Nitron
Rosolic acid

$C_{20}H_{17}NO_4$
N-2-Naphthyloxycarbonyl-DL-phenylalanine

$C_{20}H_{18}BrP$
Triphenylvinylphosphonium bromide

$C_{20}H_{18}O_2Sn$
Fentine acetate

$C_{20}H_{20}BrP$
Ethyltriphenylphosphonium bromide

$C_{20}H_{20}N_4P_4S_{10}$
Phosphorus(V) sulphide pyridine complex

$C_{20}H_{24}N_2O_2$
Quinine

$C_{20}H_{24}O_6$
Dibenzo-18-crown-6

$C_{20}H_{27}NO_{11}$
Amygdalin

$C_{20}H_{28}O_8Zr$
Zirconium(IV) acetylacetonate

$C_{20}H_{32}N_6O_{12}S_2$
L-Glutathione

$C_{20}H_{34}O_3$
1-Hexadecenylsuccinic anhydride

$C_{20}H_{40}O$
Phytol

$C_{20}H_{41}NO$
Hallcomid M 18

$C_{20}H_{42}$
Eicosane

$C_{20}H_{42}O$
Didecyl ether
Eicosanol-(1)

$C_{20}H_{43}N$
Didecylamine

$C_{20}H_{44}BrN$
Dimethylethylhexadecylammonium bromide

$C_{21}H_{11}NO_5S$
Fluorescein isothiocyanate

$C_{21}H_{14}Br_4O_5S$
Bromocresol green

$C_{21}H_{14}N_2O_7S$
Calconcarboxylic acid

$C_{21}H_{16}Br_2O_5S$
Bromocresol purple

$C_{21}H_{16}N_2$
2,4,5-Triphenylimidazole

$C_{21}H_{18}N_2$
Hydrobenzamide

$C_{21}H_{18}O_5S$
m-Cresol purple

$C_{21}H_{20}BrP$
Cyclopropyltriphenylphosphonium bromide

$C_{21}H_{20}Br_8O_2$
Octabromophenol ether

$C_{21}H_{20}O_6$
Curcumin

$C_{21}H_{21}N$
Tribenzylamine

$C_{21}H_{21}O_4P$
Tricresyl phosphate
Tri-*p*-cresyl phosphate

$C_{21}H_{22}Cl_2N_6O \cdot 3.5H_2O$
B-4-amino-quinoline urea

$C_{21}H_{23}JN_2$
Quinaldine red

$C_{21}H_{25}NO_5$
N-(*tert*-Butoxycarbonyl)-O-benzyl-L-tyrosine

$C_{21}H_{28}N_2O_6$
Doxylamine succinate

$C_{21}H_{33}N_3O_4S$
N-Cyclohexyl-N'-[β -(N-methylmorpholine)
ethyl]carbodiimide-*p*-toluenesulphonate

$C_{21}H_{38}ClN \cdot H_2O$
Hexadecylpyridinium chloride monohydrate

$C_{21}H_{42}O$
Didecyl ketone

$C_{21}H_{44}O_3$
Batyl alcohol

$C_{22}H_{13}Br_4KO_4$
3,3',5,5'-Tetrabromophenolphthalein ethyl
ester potassium salt

$C_{22}H_{16}N_4O$
Sudan (III)

$C_{22}H_{18}As_2N_4O_{14}S_2$
Arsenazo III

$C_{22}H_{18}O_4$
o-Cresolphthalein

$C_{22}H_{20}N_2$
3,3'-Dimethylnaphthidine

$C_{22}H_{20}O_{13}$
Carminic acid

$C_{22}H_{23}N_3O_9$
Aurin tricarboxylic acid ammonium salt

$C_{22}H_{24}N_2O_7$
N-Benzoyloxycarbonyl-L-glutamyl-L-
phenylalanine

$C_{22}H_{24}N_2O_8$
N-Benzoyloxycarbonyl-L-glutamyl-L-tyrosine

$C_{22}H_{30}O_2$
2-Naphthyl laurate

$C_{22}H_{42}N_2O_4$
N-(*tert*-Butoxycarbonyl)-L-valine
dicyclohexylammonium salt

$C_{22}H_{42}N_2O_4S$
N-(*tert*-Butoxycarbonyl)-L-methionine
dicyclohexylammonium salt

$C_{22}H_{42}O_2$
Erucic acid

$C_{22}H_{44}$
1-Docosene

$C_{22}H_{44}O_2$
Behenic acid

$C_{22}H_{46}$
Docosane

$C_{22}H_{46}O$
1-Docosanol

$C_{23}H_{13}Cl_2Na_3O_5S$
Chrome azurol S

$C_{23}H_{15}Na_3O_5S$
Eriochrome cyanine

$C_{23}H_{16}O_6$
4,4'-Methylenebis(3-hydroxy-2-
naphthalenecarboxylic acid)

$C_{23}H_{18}Cl_3NO_4$
N-Benzoyloxycarbonyl-L-phenylalanine-2,4,5-trichlorophenyl ester

$C_{23}H_{22}O_5S$
p-Xylenol blue

$C_{23}H_{22}O_6$
Rotenone

$C_{23}H_{24}BrO_2P$
1-(Ethoxycarbonyl-ethyl)-triphenylphosphonium bromide

$C_{23}H_{42}ClN$
Benzyltrimethyltetradecylammonium chloride

$C_{24}H_{14}N_2Na_2O_6S_2 \cdot H_2O$
Bathophenanthroline disulphonic acid disodium salt

$C_{24}H_{16}CaN_4O_{16}P_2 \cdot 2H_2O$
Bis-(p-nitrophenyl)-phosphate calcium salt

$C_{24}H_{16}N_2$
Bathophenanthroline

$C_{24}H_{16}N_2O_2$
POPOP

$C_{24}H_{16}O_2$
1,5-Dibenzoylnaphthalene

$C_{24}H_{16}O_7$
Fluorescein diacetate

$C_{24}H_{18}FeO_2$
Bis-(benzoylcyclopentadienyl)-iron

$C_{24}H_{20}AsCl \cdot H_2O$
Tetraphenylarsonium chloride monohydrate

$C_{24}H_{20}BNa$
Kalignost®

$C_{24}H_{20}BaN_2O_6S_2$
Diphenylaminesulphonic acid barium salt

$C_{24}H_{20}BrP$
Tetraphenylphosphonium bromide

$C_{24}H_{20}ClP$
Tetraphenylphosphonium chloride

$C_{24}H_{20}N_2$
N,N'-Diphenylbenzidine

$C_{24}H_{20}Sn$
Tetraphenyltin

$C_{24}H_{21}N_5$
Fat red bluish

$C_{24}H_{22}$
Bis-MSB

$C_{24}H_{22}N_2O$
Butyl-PBD

$C_{24}H_{27}O_4P$
Trixylenyl-(2,4)-phosphate

$C_{24}H_{32}N_6O_6$
1,2,3,4,5,6-Hexakis-(2-cyanoethoxy)-hexane

$C_{24}H_{34}O_5$
Dehydrocholic acid

$C_{24}H_{38}Bi_4N_6O_{28} \cdot 10H_2O$
Ammonium bismuth citrate

$C_{24}H_{38}O_4$
Bis-(2-ethylhexyl)phthalate

$C_{24}H_{39}NaO_4$
Sodium deoxycholate

$C_{24}H_{39}NaO_5$
Cholic acid sodium salt

$C_{24}H_{40}O_4$
Deoxycholic acid
3 α ,7 α -Dihydroxy-5 β -cholic acid

$C_{24}H_{40}O_5$
Cholic acid SF

$C_{24}H_{44}Sn$
Tetracyclohexyltin

$C_{24}H_{46}O_4$
Dilauroyl peroxide

$C_{24}H_{48}N_2O_5$
N-Benzoyloxycarbonyl-O-*tert*-butyl-L-tyrosine dicyclohexylammonium salt

$C_{24}H_{50}$
Tetracosane

$C_{24}H_{50}O$
Didodecyl ether

$C_{24}H_{51}N$
Trioctylamine
Tri-*iso*-octylamine

$C_{24}H_{51}OP$
Trioctylphosphine oxide

$C_{24}H_{54}OSn_2$
Bis(tributyltin) oxide

$C_{24}H_{54}Sn_2$
Hexabutylditin

$C_{25}H_{17}NO$
PBBO

$C_{25}H_{22}ClP$
Benzyltriphenylphosphonium chloride

$C_{25}H_{30}ClN_3$
Crystal violet

$C_{25}H_{40}N_2O_4$
N-Benzoyloxycarbonyl-L-valine dicyclohexylammonium salt

$C_{25}H_{44}N_2O_4$
N-(*tert*-Butoxycarbonyl)-L-norleucine dicyclohexylammonium salt

$C_{25}H_{46}ClN \cdot H_2O$
Benzyltrimethylhexadecylammonium chloride

$C_{25}H_{46}N_2O_6$
N-(*tert*-Butoxycarbonyl)-L-aspartic acid- β -*tert*-butylester dicyclohexylammonium salt

$C_{26}H_{18}N_2Na_2O_6S_2$
Bathocuproin disulphonic acid disodium salt

$C_{26}H_{18}N_4Na_2O_8S_2$
Brilliant yellow

$C_{26}H_{20}$
Tetraphenylethylene

$C_{26}H_{20}N_2$
Bathocuproin

$C_{26}H_{20}N_2O_2$
Dimethyl-POPOP

$C_{26}H_{21}NO_3$
N-Benzoyl-DL-phenylalanine-2-naphthyl ester

$C_{26}H_{22}O_2$
Tetraphenylethanediol-(1,2)

$C_{26}H_{24}N_6O_4S \cdot 2H_2O$
Proflavine hemisulphate

$C_{26}H_{26}N_2O_2S$
BBOT

$C_{26}H_{26}N_6O_{10}S_2$
4,4'-Bis-(3,4-dihydroxybenzeneazo)-stilbene-2,2'-disulphonic acid diammonium salt

$C_{26}H_{33}Cl_2N_3$
Methyl green

$C_{26}H_{42}N_2O_4$
N-Benzoyloxycarbonyl-L-leucine dicyclohexylammonium salt
N-Benzoyloxycarbonyl-L-*iso*-leucine dicyclohexylammonium salt
N-(*tert*-Butoxycarbonyl)- β -phenyl-L-alanine dicyclohexylammonium salt

$C_{26}H_{42}O_4$
Dinonyl phthalate

$C_{26}H_{44}NNaO_7S$
Taurocholic acid sodium salt

$C_{26}H_{48}N_2O_6$
N-(*tert*-Butoxycarbonyl)-L-glutamic acid- γ -*tert*-butylester dicyclohexylammonium salt

$C_{26}H_{50}O_4$
Bis-(2-ethylhexyl)sebacate

$C_{27}H_{20}O_3$
Naphthol-(1)-benzein

$C_{27}H_{27}Br_2NaO_5S$
Bromothymol blue

$C_{27}H_{27}N_2NaO_9S$
Glycine cresol red

$C_{27}H_{28}Br_2O_5S$
Bromothymol blue

$C_{27}H_{30}O_5S$
Thymol blue

$C_{27}H_{30}O_{16} \cdot 3H_2O$
Rutoside

$C_{27}H_{31}N_9Na_2O_{15}P_2 \cdot 2H_2O$
Flavin adenine dinucleotide disodium salt

$C_{27}H_{44}N_2O_5$
N-Benzoyloxycarbonyl-O-*tert*-butyl-L-serine dicyclohexylammonium salt
N-(*tert*-Butoxycarbonyl)-O-benzyl-L-serine dicyclohexylammonium salt

$C_{27}H_{46}O$
Cholesterol

$C_{27}H_{54}O$
Ditridecyl ketone

$C_{28}H_{15}NO_4$
1,1'-Dianthrime

$C_{28}H_{18}O_4$
 α -Naphtholphthalein

$C_{28}H_{19}N_5Na_2O_6S_4$
Titan yellow

$C_{28}H_{22}$
TPB

$C_{28}H_{30}O_4$
Thymolphthalein

$C_{28}H_{31}ClN_2O_3$
Rhodamine B

$C_{28}H_{32}N_2O_7$
N $^{\alpha}$ -Benzoyloxycarbonyl-N $^{\gamma}$ -(4,4'-dimethoxybenzhydryl)-L-glutamine

$C_{28}H_{44}ClNO_2$
Hyamine® 10 X

$C_{28}H_{58}$
Octacosane

$C_{29}H_{20}O$
Tetraphenylcyclopentadiene-(2,4)-on-(1)

$C_{28}H_{46}N_2O_5$
N-Benzoyloxycarbonyl-O-*tert*-butyl-L-threonine dicyclohexylammonium salt

$C_{29}H_{48}N_2O_6$
N-Benzoyloxycarbonyl-L-glutamic acid
tert.-butyl ester dicyclohexylammonium salt
N-(*tert.*-Butoxycarbonyl)-L-glutamic acid- γ -
benzylester dicyclohexylammonium salt

$C_{28}H_{40}O_2$
DL- α -Tocopherol

$C_{30}H_{18}FeN_3Na_3O_{15}S_3$
Naphthol green B

$C_{30}H_{26}N_2O_{13}$
Calcein

$C_{30}H_{31}ClN_6$
Diazine green

$C_{30}H_{62}$
Squalane

$C_{30}H_{63}N$
Tri-(decyl)-amine

$C_{31}H_{28}Na_4O_{13}S$
Xylenol orange tetrasodium salt

$C_{31}H_{52}O_3$
DL- α -Tocopherol acetate

$C_{32}H_{16}N_8Ni$
Nickel phthalocyanine

$C_{32}H_{24}N_6O_6S_2$
Congo red

$C_{32}H_{32}N_2O_{12}$
Phthalein purple

$C_{32}H_{66}$
Dotriacontane

$C_{33}H_{32}ClN_3$
Victoria blue B

$C_{33}H_{36}N_4O_6$
Bilirubin

$C_{34}H_{26}N_6Na_2O_6S_2$
Benzopurpurine 6 B

$C_{34}H_{62}O_{11}$
Triton[®] X-100

$C_{36}H_{38}N_4O_4$
Protoporphyrin IX dimethyl ester

$C_{36}H_{70}O_4Zn$
Zinc stearate

$C_{36}H_{70}O_{19}$
Hyprose SP 80

$C_{36}H_{74}$
Hexatriacontane

$C_{37}H_{40}N_2Na_4O_{13}S$
Methyl thymol blue

$C_{38}H_{28}Cl_2N_8$
NTC

$C_{38}H_{44}N_2O_{12}$
Thymolphthalexone

$C_{40}H_{32}Cl_2N_8O_2$
BTC (Blue tetrazolium chloride)

$C_{40}H_{80}NO_8P$
L- β , γ -Dipalmitoyl- α -lecithin

$C_{48}H_{100}Sn$
Tetradodecyltin

$C_{48}H_{66}O_2$
BIBUQ

$C_{54}H_{45}ClP_3Rh$
Tris-(triphenylphosphine)rhodium(II) chloride

$C_{54}H_{84}O_{23}$
Escin

$C_{56}H_{92}O_{29}$
Digitonin

$C_{63}H_{90}CoN_{14}O_{14}P$
Vitamin B₁₂

$C_{72}H_{100}CoN_{18}O_{17}P$
Coenzyme B₁₂

$C_{94}H_{182}O_{41}$
Triton[®] X-405

